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BULLETIN  
*of*  
A. & T. COLLEGE

*Published by*  
THE AGRICULTURAL AND  
TECHNICAL COLLEGE  
*of* NORTH CAROLINA

*Obedience to the Law is the Largest Liberty*

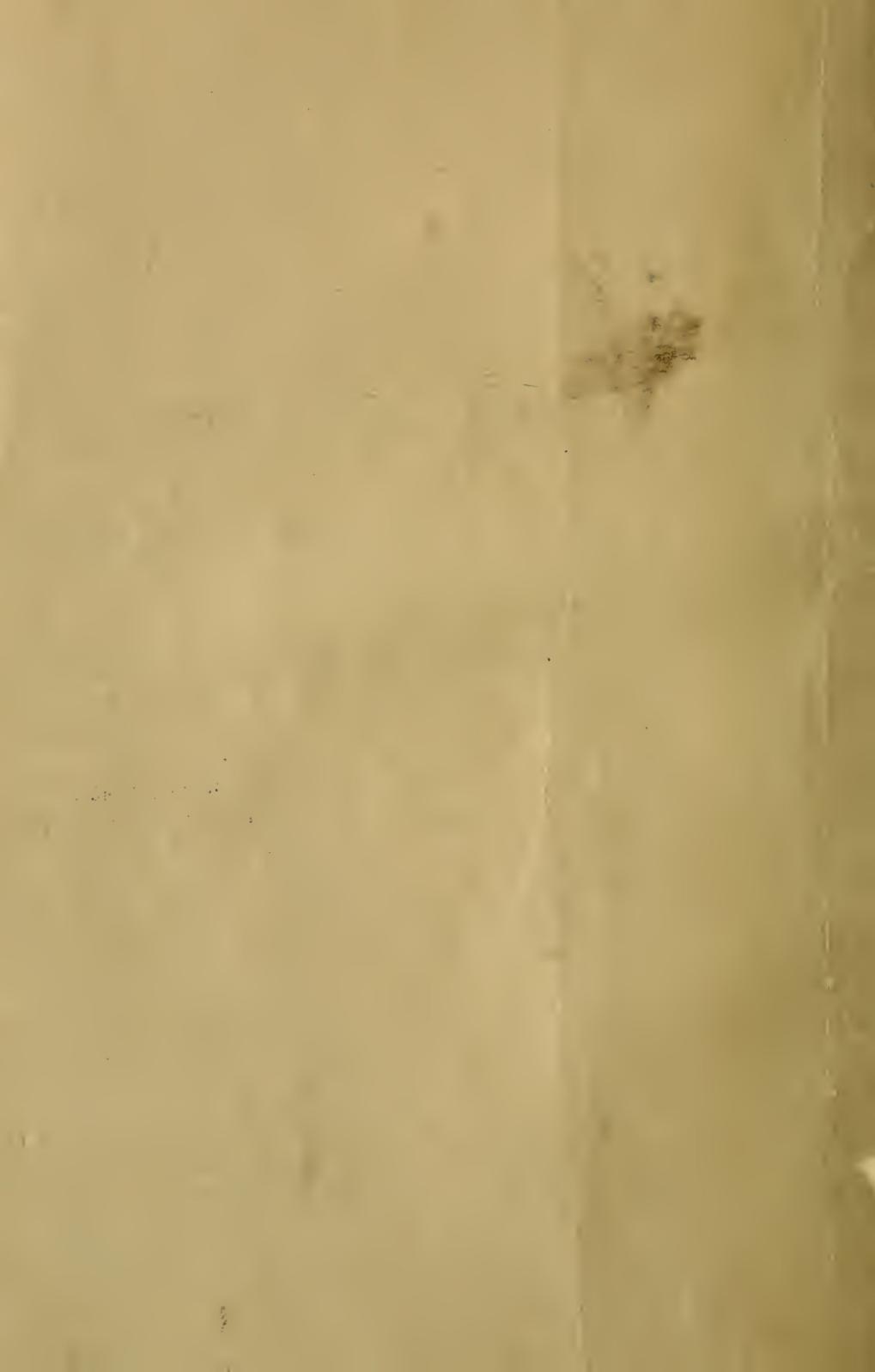


Issued Quarterly  
GREENSBORO, NORTH CAROLINA  
CALENDAR 1934-35

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Entered as second-class matter, July 2nd, 1909, at the post-office at Greensboro, N. C., under the act of July 16th, 1894.

*R. D. H.*



VOL. 25

MAY, 1934

No. 2

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BULLETIN  
OF  
Agricultural  
AND  
Technical College  
OF NORTH CAROLINA  
(Co-Educational Institution)

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Recognized as A STANDARD COLLEGE by  
North Carolina Department of Education, the  
Board of Regents of the State of New York, the  
Council of Education of the State of Pennsylvania,  
the American Medical Association, the  
Southern Association of Colleges and Secondary  
Schools

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GREENSBORO, NORTH CAROLINA

## **COLLEGE PUBLICATIONS**

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The Bulletin of the A. and T. College.  
Published annually as the official catalog  
of the college.

The Bulletin of the A. and T. College  
Summer Session. Published annually as  
the official catalog of the Summer School.

The Bulletin of the A. and T. College  
—pictorial review of the college. Pub-  
lished annually.

The Register — the official organ of the  
student body. Published monthly. Ed-  
ited and managed by the student body  
under the supervision of the college staff.

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## ANNOUNCEMENTS

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### NOTE ANNOUNCEMENTS — IMPORTANT TO EVERY STUDENT

1. **Vaccinations.**—Each student is required to be vaccinated on entering unless evidence be presented to satisfy the college physician that vaccination is unnecessary.
2. **Lodging Deposits.**—Students should secure rooms at once for September lodging, by paying one dollar for reservation of room.
3. **Examinations.**—Entrance examinations and examinations for removal of conditions will be held September 17th. All students who have conditions to remove should avail themselves of this opportunity.
4. **Boarding Students.**—All students who room on the campus must take meals in Murphy Hall.
5. **Non-Resident Students.**—Students whose legal residence is not in Greensboro will not be permitted to board and lodge off the campus unless they have special permission or unless they have employment that requires them to live on the premises.
6. **Fraternity Houses.**—The college will not permit fraternities, sororities or other groups to establish “houses” off the campus.
7. **Entrance Fees.**—Each student must pay in cash all entrance fees and expenses for the first month, when he registers.
8. **Fees: Monthly and Quarterly.**—Any student whose bills are not paid on or before the day following the date on which such bills are due, will be excluded from all college privileges until such bills are paid.
9. **Student Load.**—Each regularly classified student will be required to register for 13 hours of work as a minimum. The maximum shall be 17 hours except as provided for by exceptional scholarship. See page 20.

**10. Unauthorized Changes in Schedule.**—Any student who illegally drops a course for which he registered, shall be assigned the grade of "F" at the end of the quarter. See page 22.

**11. Unauthorized Addition.**—No credit will be granted for courses added to one's schedule after his registration has been approved.

**12. Attendance.**—Students will be required to attend the regular exercises of the courses in which they are registered. Ordinarily any student who has failed to attend five-sixth of the scheduled meetings of a course will not be allowed credit for such course.

**13. Late Fees.**—Each registrant will be required to pay 50c for each day that he is late after the last day assigned for registration.

**14. Deportment.**—Any student who manifests unwillingness to conform to the rules and regulations that are prescribed, or, that may be prescribed to govern the student body, or, any student whose influence or deportment seems detrimental to the best interest of the school, will be asked to withdraw from the Institution.

**15. Scholarship.**—To encourage scholarship and integrity, the College publishes an Honor Roll at the end of each quarter. Students whose average grade in all courses and deportment is "B" shall be eligible for the Honor Roll. Those whose average grade is "A", in all courses and deportment, for three consecutive quarters shall be eligible for an alumni scholarship.

**16. Extra Curricula Activities.**—All students shall be required to participate in some one extra curricula activity, upon which he shall be graded with regards to excellence. Special consideration will be allowed students who bring their band or orchestral instruments.

**SCHEDULE OF ENTRANCE AND REMOVAL OF  
CONDITION EXAMINATIONS**

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The college will conduct entrance examinations and also examinations for removal of conditions September 17, 1934.

The hours for examinations are 8:00 a.m. and 1:30 p.m. Students intending to take any of the examinations scheduled must appear at least an hour before the time of the examination and report to the office of the Registrar, for registration and instructions.

**Monday, September 17, 1934—**

8:00 to 10:00 a.m.:

**History**—Ancient, Medieval, Modern, American, Civics; Dairying; Architecture; Physics, Sociology, Psychology.

10:00 to 12:00 noon:

**English**—Composition and Rhetoric, Literature, English and American; Industries; French; German; Latin; Poultry; Botany.

1:30 to 3:30 p.m.:

**Mathematics**—Algebra, College Algebra, Trigonometry, Calculus; Political Science; Agronomy; Horticulture; Chemistry; Commercial Courses; Biological Sciences; Economics.

## COLLEGE CALENDAR

### CALENDAR, 1934-1935

- September 17—Entrance examinations and examinations for removal of conditions.
- September 18—Registration of Freshmen and new students.
- September 19—Registration former students.
- September 20—Fall terms begins.
- December 19, 20, 21—Fall term examinations.
- January 3—Registration winter term.
- January 4—Winter term begins.
- March 8, 9, 10—Winter term examinations.
- March 12—Registration Spring Quarter.
- March 13—Spring term begins.
- May 24, 25, 26—Spring term examinations.
- May 28—Baccalaureate sermon.
- May 30—Commencement.
- June 2—Baccalaureate Sermon.
- June 3—Commencement.
- June 10—Registration for Summer Quarter.

### HOLIDAYS

Thanksgiving Day and Friday following; Christmas holidays, December 21, 1934—January 3, 1935; Easter Monday; July 4.

### SPECIAL DAYS

Dudley Day—November 2, 1934.

Douglas' Birthday and Negro History Week, February 9-15—Special program by English department. Education Week.

Arbor Day, March 15—Special program by School of Agriculture.

Morrill's Birthday, April 14—Agriculture and Mechanic Arts Societies have special programs.

Farmers' Conference, to be announced.

## CALENDAR FOR 1934

JANUARY							FEBRUARY							MARCH							APRIL							
S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	F	S		
--	1	2	3	4	5	6	--	1	2	3	--	--	--	1	2	3	4	5	6	7	1	2	3	4	5	6	7	
7	8	9	10	11	12	13	4	5	6	7	8	9	10	4	5	6	7	8	9	10	8	9	10	11	12	13	14	
14	15	16	17	18	19	20	11	12	13	14	15	16	17	11	12	13	14	15	16	17	15	16	17	18	19	20	21	
21	22	23	24	25	26	27	18	19	20	21	22	23	24	18	19	20	21	22	23	24	22	23	24	25	26	27	28	
28	29	30	31	--	--	--	25	26	27	28	--	--	--	25	26	27	28	29	30	31	29	30	--	--	--	--	--	
--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MAY							JUNE							JULY							AUGUST							
S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	F	S		
--	1	2	3	4	5	6	--	1	2	3	4	5	6	--	2	3	4	5	6	7	5	6	7	8	9	10	11	
6	7	8	9	10	11	12	3	4	5	6	7	8	9	8	9	10	11	12	13	14	12	13	14	15	16	17	18	
13	14	15	16	17	18	19	10	11	12	13	14	15	16	15	16	17	18	19	20	21	19	20	21	22	23	24	25	
20	21	22	23	24	25	26	17	18	19	20	21	22	23	22	23	24	25	26	27	28	29	27	28	29	30	31	--	
27	28	29	30	31	--	--	24	25	26	27	28	29	30	29	30	31	--	--	--	--	--	26	27	28	29	30	31	--
--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
SEPTEMBER							OCTOBER							NOVEMBER							DECEMBER							
S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	F	S		
--	1	2	3	4	5	6	--	1	2	3	4	5	6	--	2	3	4	5	6	7	1	2	3	4	5	6	7	
2	3	4	5	6	7	8	7	8	9	10	11	12	13	14	4	5	6	7	8	9	10	11	12	13	14	15	16	
9	10	11	12	13	14	15	10	11	12	13	14	15	16	11	12	13	14	15	16	17	15	16	17	18	19	20	21	
16	17	18	19	20	21	22	21	22	23	24	25	26	27	22	23	24	25	26	27	28	26	27	28	29	30	31	--	
23	24	25	26	27	28	29	29	30	31	--	--	--	--	25	26	27	28	29	30	31	--	--	--	--	--	--	--	
30	--	--	--	--	--	--	--	--	--	--	--	--	--	31	--	--	--	--	--	--	--	--	--	--	--	--	--	--

## CALENDAR FOR 1935

JANUARY							FEBRUARY							MARCH							APRIL							
S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	F	S		
--	1	2	3	4	5	6	--	1	2	3	4	5	6	--	2	3	4	5	6	7	1	2	3	4	5	6	7	
6	7	8	9	10	11	12	7	8	9	10	11	12	13	8	9	10	11	12	13	14	7	8	9	10	11	12	13	
13	14	15	16	17	18	19	10	11	12	13	14	15	16	10	11	12	13	14	15	16	14	15	16	17	18	19	20	
20	21	22	23	24	25	26	17	18	19	20	21	22	23	18	19	20	21	22	23	24	22	23	24	25	26	27	28	
27	28	29	30	31	--	--	24	25	26	27	28	29	30	24	25	26	27	28	29	30	28	29	30	31	--	--	--	
--	--	--	--	--	--	--	--	--	--	--	--	--	--	31	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MAY							JUNE							JULY							AUGUST							
S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	F	S		
--	1	2	3	4	5	6	--	1	2	3	4	5	6	--	1	2	3	4	5	6	7	1	2	3	4	5	6	7
5	6	7	8	9	10	11	2	3	4	5	6	7	8	7	8	9	10	11	12	13	4	5	6	7	8	9	10	
12	13	14	15	16	17	18	9	10	11	12	13	14	15	14	15	16	17	18	19	20	11	12	13	14	15	16	17	
19	20	21	22	23	24	25	16	17	18	19	20	21	22	16	17	18	19	20	21	22	18	19	20	21	22	23	24	
26	27	28	29	30	31	--	23	24	25	26	27	28	29	28	29	30	31	--	--	--	25	26	27	28	29	30	31	
--	--	--	--	--	--	--	--	--	--	--	--	--	--	31	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SEPTEMBER							OCTOBER							NOVEMBER							DECEMBER							
S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	F	S		
1	2	3	4	5	6	7	4	5	6	7	8	9	10	5	6	7	8	9	10	11	2	3	4	5	6	7	8	
8	9	10	11	12	13	14	6	7	8	9	10	11	12	7	8	9	10	11	12	13	3	4	5	6	7	8	9	
15	16	17	18	19	20	21	13	14	15	16	17	18	19	13	14	15	16	17	18	19	15	16	17	18	19	20	21	
22	23	24	25	26	27	28	20	21	22	23	24	25	26	20	21	22	23	24	25	26	22	23	24	25	26	27	28	
29	30	--	--	--	--	--	27	28	29	30	31	--	--	24	25	26	27	28	29	30	29	30	31	--	--	--	--	

**BOARD OF TRUSTEES**  
**AGRICULTURAL AND TECHNICAL COLLEGE**

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OF THE  
AGRICULTURAL AND TECHNICAL COLLEGE

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THOMAS B. JONES, A.B., A.M.	<i>Registrar</i>
*MAJOR F. SPAULDING, B.S., M.S.	<i>Director Agricultural Department</i>
JERALD M. MARTEENA, B.M.E., M.S.	<i>Director Technical Department</i>
SIDNEY B. SIMMONS, B.S.A.	<i>Director Vocational Agriculture</i>
FLOYD A. MAYFIELD, B.S.	<i>Dean of Men</i>
CAROLYN E. CRAWFORD, B.S., M.S.	<i>Dean of Women</i>
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NATHANIEL C. WEBSTER	<i>Bursar</i>
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HAZEL D. BLUFORD	<i>Dietitian</i>
N. CONSTANCE HILL, B.S.	<i>Secretary to the President</i>
I. NAOMI HARRIS	<i>Recorder</i>
MARTIN F. HOLT	<i>Superintendent of Farms</i>
BERNICE M. EDWARDS	<i>Secretary to Director of Agricultural Department and Assistant Dean of Women</i>
ALLISON W. GORDON, B.S.	<i>Secretary to Director Technical Department</i>

---

\* On leave of absence, 1933-34.

### Officers of Instruction

FERDINAND D. BLUFORD ..... 1007 Lindsay Street  
*President of the College*

A.B., Virginia Union University, 1908; B.Ped., Howard University, 1909; Graduate work Columbia University, 1924; D.Ped., Virginia Union University, 1926. Dean, Agricultural and Mechanical College of Alabama, 1909-1910; Professor of Education, Kentucky State College, 1910-1911; Professor of English, St. Paul Normal and Industrial School, 1911-1912; Professor of English, A. and T. College, 1912-1918; Dean, A. and T. College, 1918-1925; present position since 1925.

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### PROFESSORS

CHARLES L. COOPER ..... 1021 Lindsay Street  
*Professor of Industrial Education*

B.S., Hampton Institute, 1924; M.S., Cornell University, 1926; completed residence requirements for Ph.D., Cornell University, 1927. Present position since 1930.

WARMOTH T. GIBBS ..... 420 North Dudley Street  
*Dean and Professor of History*

A.B., Harvard University, 1917; Ed.M., ibid., 1926; completed residence requirements for Ph.D., ibid., 1933. Professor History 1926 to 1929; present position since 1929.

THOMAS B. JONES ..... 710 Reid Street  
*Registrar and Professor of Education*

A.B., Johnson C. Smith University, 1921; A.M., Northwestern University, 1929; completed residence requirements for Ph.D., Columbia University, 1932. Instructor in English, A. and T. College, 1921-1923; Instructor in English, Mary Allen Seminary, 1923-1924; present position since 1929.

PERCY L. JULIAN ..... College Campus  
*Professor of Chemistry*

A.B., DePauw University, 1920; A.M., Harvard University, 1923; Ph.D., University of Vienna, 1931. Instructor in Chemistry, Fisk University, 1920-1922; Research Fellow in Biophysics, Harvard University, 1923-1924; George and Martha Derby Scholar, Harvard University, 1924-1925; Research Assistant, Harvard University, 1925-1926; Professor of Chemistry, West Virginia State College, 1926-1927; Associate Professor of Chemistry and Acting Head of the Department, Howard University, 1927-1929; Fellow, University of Vienna, Austria, 1929-1931; Professor of Chemistry and Head of the Department, Howard University, 1931-1932; Research Professor of Chemistry, DePauw University, 1932-1934; present position since 1934.

JERALD M. MARTEENA ..... College Campus  
*Director of Technical Department and Professor Mathematics and Mechanical Engineering*

B.M.E., Ohio State University, 1928; M.S., University of Michigan, 1932; completed residence requirements for Ph.D., University of Michigan, 1933. Professor of Mathematics, A. and T. College, 1929-1931; present position since 1933.

## OFFICERS OF INSTRUCTION

13

W. NAPOLEON RIVERS ..... 1143 Gorrell Street  
*Professor of Modern Languages and Literature*

A.B., Talladega College, 1922; A.M., University of Chicago, 1926; Ph.D., Cornell University, 1932; summer session, College dejeus sorbonne, 1932. Professor of Modern Languages, Claflin University, 1922-1924; Professor of Romance Languages, Talladega College, 1924-1931; present position since 1932.

\*MAJOR F. SPAULDING ..... 1009 Lindsay Street  
*Director Department of Agriculture and Professor Biology  
and Agricultural Science*

B.S., A. and T. College, 1925; M.S., Cornell University, 1927; residence requirements for Ph.D. completed, Massachusetts Agricultural College, 1934. Present position since 1928.

\*ROBERT C. WEAVER ..... College Campus  
*Professor of Economics and Sociology*

A.B., Harvard University, 1929; A.M., ibid., 1931; Ph.D., ibid., 1933. Present position since 1931.

DUDLEY H. WOODARD ..... 1021 Lindsay Street  
*Professor of Physics*

A.B., Howard University, 1928; Graduate work, University of Chicago, 1929-1931; residence requirements completed for Ph.D., University of Chicago, 1933. Present position since 1932.

---

## ASSOCIATE PROFESSORS

BENJAMIN H. CRUTCHER ..... A. and T. College Farm  
*Associate Professor Biology and Animal Husbandry*

B.S., Iowa State College, 1925; M.S., ibid., 1931. Instructor Alcorn A. and M. College, 1921; Instructor Florida A. and M. College, 1922-1924; present position since 1926.

CLARENCE E. DEAN ..... 301 North Regan Street  
*Associate Professor Economics and Agriculture Education*

B.S., Hampton Institute, 1924; M.S., Iowa State College, 1930. Berry O'Kelly Training School, 1926-1930; present position since 1930.

---

## ASSISTANT PROFESSORS

INMAN A. BREAUX ..... College Campus  
*Assistant Professor Physical Education and Coach*

B.S., Virginia Union University, 1930; B.S., Springfield College, 1932. Present position since 1932.

ANDREW C. BOWLING ..... College Campus  
*Assistant Professor Mathematics and Electrical Engineering*

B.S., Bucknell University, 1928; M.S., Ohio State University, 1933. Present position since 1928.

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\* On leave of absence, 1933-34.

CAROLYN E. CRAWFORD ..... College Campus  
*Assistant Professor of Home Economics*

B.S., Columbia University, 1932; M.S., Columbia University, 1933.  
 Instructor Prairie View State College, 1929-1931; present position  
 since 1933.

FLOYD A. MAYFIELD ..... College Campus  
*Assistant Professor Architecture*

B.S., Howard University, 1930. Present position since 1930.

GERTRUDE B. RIVERS ..... 1143 Gorrell Street  
*Professor of English*

A.B., Atlanta University, 1925; A.M., Cornell University, 1932.  
 Instructor of English, Talladega College, 1925-1926; present posi-  
 tion since 1932.

CECIL L. SPELLMAN ..... A. and T. College Farm  
*Assistant Professor of Biology and Poultry Husbandry*

B.S., A. and T. College, 1928; M.S., Oregon State College, 1932.  
 Berry O'Kelly Training School, 1928-1931; present position since  
 1932.

\*H. CLINTON TAYLOR ..... College Campus  
*Assistant Professor of History and Art*

B.F.A., Syracuse University, 1927; Graduate study, Columbia Uni-  
 versity, 1934. Present position since 1927.

ETHYL B. WISE ..... College Campus  
*Assistant Professor of Music*

B.A., Howard University, 1931; B.Mus., ibid., 1933. Present posi-  
 tion since 1933.

LLEWELLYN A. WISE ..... 700 Benbow Road  
*Assistant Professor of Economics*

B.S.C., New York University, 1928; M.S., Atlanta University, 1933.  
 Present position since 1928.

### INSTRUCTORS

HARRY J. GREEN ..... College Campus  
*Instructor in Chemistry*

B.Chem.E., Ohio State University, 1933. Present position since  
 1934.

OVETA B. JEWELL ..... 435 North Dudley Street  
*Instructor in English*

B.S., A. and T. College, 1932. Present position since 1933.

\* On leave of absence, 1933-34.

**FACULTY OF THE VOCATIONAL SCHOOL**

JERALD M. MARTEENA ..... College Campus  
*Director*

B.M.E., Ohio State University, 1928; M.S., University of Michigan, 1932; completed residence requirements for Ph.D., University of Michigan, 1933. Professor of Mathematics, A. and T. College, 1929-1931; present position since 1933.

ANDREW C. BOWLING ..... College Campus  
*Electrical Wiring*

B.S., Bucknell University, 1928; M.S., Ohio State University, 1933. Present position since 1928.

CHARLES L. COOPER ..... 1021 Lindsay Street  
*Building Construction*

B.S., Hampton Institute, 1924; M.S., Cornell University, 1926; completed residence requirements for Ph.D., Cornell University, 1927. Present position since 1930.

CLYDE DEHUGULEY ..... 360 West Bragg Street  
*Shoe Making and Leather Work*

Graduate Tuskegee Institute, 1922. Instructor in Shoe Repairing, Kentucky State College, 1922-1924; present position since 1924.

GEORGE B. LOVE ..... 120 North Dudley Street  
*Automobile Mechanics*

B.S.M., A. and T. College; U. S. A. School, Motor Transport Corps, Master Mechanic Division, 1920. Present position since 1914.

FLOYD A. MAYFIELD ..... College Campus  
*Mechanical and Architectural Drawing*

B.S., Howard University, 1930. Present position since 1930.

ROBERT S. POOLE ..... College Campus  
*Tailoring and Designing*

Hampton Institute, 1911; Mitchell School of Designing, 1916. Instructor Edwards Waters Institute, 1917-1920; Business 1920-1926; present position since 1926.

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**Agricultural Extension Officers**

JOHN W. MITCHELL, B.S. .... *State Director District Agents*

DAZELLE F. LOWE, B.S., *State Director Home Demonstration Agents*

ANNIE M. MURRAY ... *Home Demonstration Agent, Guilford County*

WILHOBIE B. HARRISON ..... *Guilford County Agent*

H. BLANCHE STEPHENS ..... *Secretary to Directors*

## HISTORY OF THE COLLEGE

This College was established by an act of the General Assembly of North Carolina, ratified March 9, 1891. The object of this institution is declared by the act to be for instruction in practical agriculture, the mechanic arts and such branches of learning as relate thereto not excluding academic and classical instruction.

The management and control of the college and the care and preservation of all its property are vested in a Board of Trustees, consisting of fifteen members, who are elected by the General Assembly, or appointed by the Governor, for a term of six years.

The Trustees, by the act of the Legislature have power to prescribe rules for the operation of the college; to elect the president, instructors, and as many other officers and assistants as they shall deem necessary; and have general and entire supervision of the establishment and maintenance of the college.

The financial support of the college for the payment of salaries and purchase of apparatus and equipment is derived from the United States, under an Act of Congress, known as the "Morrill Act," passed August 20, 1890. This act makes an annual appropriation for each State and Territory for the endowment and support of colleges for the benefit of agriculture and mechanic arts to be applied "only to instruction in agriculture, the mechanic arts, the English language and the various branches of mathematics, physical, and natural economic sciences, with special reference to their application in the industries of life and the facilities of their instruction."

The college also receives an appropriation from the State for general maintenance, which cannot be provided for under the laws governing the use of Federal appropriations.

The citizens of Greensboro donated fourteen acres of land and \$11,000 to be used in the construction of buildings. In 1893 this was supplemented by an appropriation of \$10,000 by the General Assembly. Dudley Hall was completed in 1893 and the school opened in the fall of that year.

## THE COLLEGE BUILDINGS

The college buildings are heated with steam and lighted by electricity. All the buildings are kept in a sanitary condition and the healthfulness of the campus and surroundings is well known.

**NEW DUDLEY HALL**

On January 27, 1930, the original Dudley Hall was destroyed by fire. The erection of the New Dudley Hall was undertaken immediately thereafter. February 15, 1931, it was occupied. This is a fine fireproof structure of three stories, larger and better built to meet the needs of a modern college. It contains classrooms, assembly room, library, offices for the President, Dean of Science College, Treasurer, Registrar, Bursar, and other administration divisions.

**LIBRARY**

Our Library is housed in the New Dudley Administration Building. Already 18,000 bound volumes carefully selected to meet the varied needs and interests of modern college students, have been added.

Leading daily papers, periodicals and other publications in many fields of activity are regularly received.

The main reading room is large and well appointed. It is under personal direction of a specially trained librarian and is open daily to all students of the college.

**NORTH DORMITORY**

The North Dormitory is a three-story building which contains rooms for about 70 students.

**SOUTH DORMITORY**

The South Dormitory is a three-story, brick building, which contains rooms for 92 students, the basement of which is used for store rooms.

**MORRISON HALL**

Morrison Hall is a fireproof, three-story building with basement. It contains rooms for 130 students.

**THE COLLEGE BUILDINGS RENAMED**

By a special vote of the Board of Trustees in its annual meeting for 1933, the following changes in the names of buildings were made: The Agricultural Building became Noble Hall in recognition of the distinguished services of the present chairman of the Board of Trustees, and the Mechanical Building became Crosby Hall in honor of the first president of the College.

**NOBLE HALL**

Noble Hall is a fireproof, three-story structure, with basement. It contains laboratories for botany, dairy products, zoology, geology, physics and chemistry and class rooms and offices for the Dean, School of Agriculture and the heads of divisions.

**CROSBY HALL**

Crosby Hall is a two-story brick building, with basement. In the basement of this building are located the brick shop, wood turning shop and carpentry machine shop. On the first floor are the machine, the carpentry, the tailor and the shoe repair and leather work shops, while on the second floor are the Director's office, drawing rooms, electrical engineering laboratory and seminar room.

**AUTO MECHANICS BUILDING**

The Automobile Mechanics Building is a one-story fire-proof structure. It is located on East Market Street, which is also highway number 10. The building is 120 by 55 feet and contains lecture room, offices, battery charging room, locker and tool room, auto mechanics laboratory and storage room for automobiles. The repair division, which is operated in connection with instruction, is open for general service daily except Sunday.

**MURPHY HALL**

Murphy Hall is a one-story, fireproof building, which contains the dining room and the kitchen and refrigeration plant. The dining room contains seating capacity for 800 students. It is one of the most beautiful buildings of its kind to be found in the State.

**POWER PLANT**

A new central heating and power plant has recently been installed containing boiler capacity of 600 horse power and affords the students of Mechanical Engineering the opportunity of practical experience in boiler room operation and management. Attached to the power plant is a modern steam laundry with most modern equipment.

## ADMISSION TO COLLEGE

Admission to Freshman class may be gained by:

- (a) Entrance Examination conducted by the College.
- (b) Examinations conducted by College Entrance Board, and
- (c) Through certificate from accredited schools.

Students who desire admission to the Freshman class by certification must show that they have completed fifteen units of high school work. At least ten units should be in the following subjects:

English .....	4 units
History .....	1 unit
Foreign Language or Vocational Work.	2 units
Algebra .....	1 unit
Plane Geometry .....	1 unit
Science .....	1 unit

The remaining credits to make up the fifteen units may be offered from the following subjects: Foreign Languages, 2; Mathematics, 2, including Plane Geometry  $\frac{1}{2}$ , Solid Geometry  $\frac{1}{2}$ ; Science, 2; History, 1; Mechanical Drawing, 1; Agriculture, 2; Manual Training, 1.

(Note: Only 2 units of non-Academic work will be accepted in the 15 units of work.)

## UNIT OF CREDIT

A unit of work in the above requirements is approximately a fourth of a year's work in a secondary school. It is assumed that a study is pursued for four or five periods a week; that the recitation periods are from forty to sixty minutes in length; and that the length of the school year is from eight to nine months. In the College the unit of credit is the term hour which stands for one recitation or two laboratory periods per week for twelve weeks. Each recitation period carries with it approximately two hours of preparation.

## SPECIAL STUDENTS

In exceptional cases applicants, of mature years, or, of special training along particular lines, or of long experience in specific fields of knowledge, may be admitted to the college to study certain subjects, as special students, even though they cannot satisfy entrance requirements. Such students must do a passing grade of work in each course for which

they may be permitted to register, or they will be asked to withdraw from said course.

#### **ADMISSION REQUIREMENTS**

Applicants for advanced standing will be passed upon by the Admission Officer.

All persons who desire to enter the college should make application to the Registrar before the opening of the quarter in which they wish to enroll. Those who desire to be admitted by certificate should apply as soon as possible after graduation from high school. For all applicants the blank form found in the back of the catalogue is sufficient. Early attention to this matter will save the student much delay at the opening of the session.

Admission to the College must be secured in one of the following ways:

1. By certificate. Graduates from high schools in the State will receive entrance credits according to the standing of their respective schools, as shown by the official bulletin of the State Department of Education.

2. If the student is not a graduate of an accredited high school, he must comply with the requirements by examination. Entrance examinations will be held at the college on September 17th.

3. Every student, irrespective of the method by which he seeks admission, must present to the college through the principal of his former school, a transcript covering his entire record of subjects and grades for four years, and second, a statement including principal's estimate of his character.

*Note:* The College will administer a placement test to all entering students. All who fail in this examination shall be assigned to a no-credit course in English (English 200).

#### **REGISTRATION AND CREDITS**

All regular students will be required to register for 13 hours of prepared work per quarter, as a minimum. The maximum shall be 17 hours per quarter, except as follows:

(a) Students whose general average is "C" shall be held to the above requirements, for the quarter following such a record.

(b) Students whose average is "B" with no grade below "C" may be permitted to register for not more than 18 hours of prepared work.

(c) Students whose average is "A" with no grade below "B" may be permitted to register for not more than 21 hours' work for the quarter following such a record.

### MARKING SYSTEM

<i>Grade</i>	<i>Grade Points</i>
A (Excellent) .....	3
B (Good) .....	2
C (Fair) .....	1
D (Poor) .....	1
D (Poor, but passing) .....	0
E (Condition) .....	0
F (Failure) .....	0
I (Incomplete)	
W.P. (Withdrew, passing)	
W.F. (Withdrew, failing)	

The maximum points which a student can make under this system will be 588, the minimum 196. That is, in order to graduate, a student must make an average of "C."

### GRADES

The student's work in any course will be rated A, B, C, D, E, F, or I, for quality, and 3, 2, 1, 0, 0, for effort, in accordance with the following definitions:

A—The work done by students receiving the mark A shall have *uniformly* shown the following qualities: Thorough comprehension and retention both of the facts and the principles of the subject; ability to reproduce these facts and principles readily, accurately, and concisely, orally and in writing, in good English; power to correlate the material with other branches of the subject and with other subjects; individual reaction upon the material, shown by the ability and the tendency to apply the methods of the course to new and original problems and situations with reasonably sound results—in other words, intellectual initiative.

B—The mark B shall be given to students whose work is characterized by thorough comprehension and accurate reproduction as in the case of those receiving A, but without marked originality or initiative. B may indicate either consistent work of this sort, or an average representing a combination of occasional achievements of A quality with other less distinguished work. All B work is creditable, indicating

more than average ability and application, and capacity for advanced studies in the subject.

C—The mark C represents work which shows neither special merit nor conspicuous neglect. The work is such that there has been, at least in the latter part of the quarter, no question of failure of discipline. A fair degree of ability and application has produced results which, while indicating no special aptitude for the subject, have yet definitely contributed to the student's intellectual advancement.

D—The mark D represents inferior work, due to insufficient application, defective preparation, or marked lack of aptitude for the subject, but not so poor as to require repetition of the course. The student has been on the border line of failure and has required warnings and extra attention. His standing indicates that the work is barely worthy of credit and, if the course is a part of a major, that the wisdom of his continuing with advanced work in that subject is open to question.

E—All work which has been of such an inferior or uncertain quality that re-examination is necessary is ranked as E. This opportunity will be granted on the fourth Saturday following the first examination. If the student fails to report the grade of F shall be assigned.

F—All work which is so inferior as to demand repetition shall be ranked as F.

I—I indicates that the quarter's work is incomplete but not a failure. This mark may be changed, if the work is completed by the end of the quarter following that in which it is given.

*To Drop a Course* a student should consult the head of the department in which he is registered. Permission when granted shall be in writing, which permit must then be deposited in the office of the Registrar who will recall the class card and the student is then relieved of further responsibility in the course in question.

### ADDITIONAL COURSES

Students will not be permitted to add a course except on the approval of the Dean of the College in which he is taking his work, and in no case later than two weeks after the class work has begun.

## GRADUATION REQUIREMENTS

Graduation from the A. and T. College involves the satisfaction of the following requirements:

1. The candidate for a degree must have selected a specific curriculum, having the approval of the Dean of the College in which he is registered. This curriculum must be completed.

2. Whether registered in Agriculture, Arts and Science or Mechanic Arts he must complete 196 quarter hours and 196 grade points.

3. He must complete a satisfactory thesis. A copy of the thesis must be filed with the Registrar on or before May 15th of the Senior year.

4. It is the aim of the institution to send forth men and women who are fit representatives. To this end, the faculty reserves the right to refuse to admit any student to the Senior Class or to promote any one who, though qualified by class record, may otherwise seem unfit.

5. The college reserves the right to require candidates for graduation to spend at least one summer on the grounds for practical work, unless they furnish satisfactory reports from responsible persons as to their efficiency.

6. Payment of Diploma fee of five dollars (\$5.00) must be made to the Bursar on or before May 1st preceding graduation.

7. Students in graduating class must clear all conditions by close of winter quarter.

## DEGREES

All students successfully completing any of the four year courses of study, shall be entitled to the degree of Bachelor of Science.

Those graduating from any curricula offered in the Technical Sciences shall be entitled to the Bachelor of Science degree in Engineering, Architecture and Construction, or Industrial Arts.

Those graduating from any curricula in Agriculture shall be entitled to the degree of Bachelor of Science in Agriculture.

Students successfully completing any curricula in Sciences shall be entitled to the degree of Bachelor of Science.

## GENERAL INFORMATION

Students desiring assistance in defraying expenses, as far as possible, will be allowed to work, for which they can get credit each month at the time of their advance payment.

The pay allowed all students, except Seniors, shall be in settlement of their accounts or claim against the college.

The several industries operated in the school afford opportunity for a limited number of needy but industrious students to help themselves. It is impossible to state definitely and in advance how much a student, and especially a new one, can earn per month.

## ORGANIZATIONS

### SCHOLARSHIP SOCIETY

The Gamma Tau is a society composed of honor students to which any student may be eligible; provided: that he has completed two quarters of work of Junior Classification and has gained a minimum of two grade points for each hour of credit during his college course—the minimum being 130 credit hours and 260 grade points.

### SOPHIST SOCIETY

This organization is composed of regular college students of Freshman, Sophomore, and Junior classification who maintain a minimum average of "B." The purpose of this organization is to encourage high scholarship among all college students.

Persons who remain in the Sophist Society for three years are eligible for membership in Gamma Tau Scholastic Society during the Senior year.

### FRATERNITIES

The following national fraternities have chapters at the college for college men: Alpha Phi Alpha, Omega Psi Phi, Phi Beta Sigma, and Kappa Alpha Psi.

### SORORITIES

The following national sororities have established local chapters: Alpha Kappa Alpha and the Delta Sigma Theta.

**THE COLLEGE LITERARY SOCIETY**

The Kappa Phi Kappa Forensic and Literary Clubs, designed to stimulate interest in public speaking and literature, is composed of college students who have distinguished themselves in public performances in these fields. This club, assisted by the college students as a whole, who act as associate members constitute the center of the extra curriculum activities of the college, and is active in promoting the intellectual and cultural development of the institution.

In addition to the societies mentioned above there are other well organized clubs: the Dramatic Club, the Glee Club, the Athletic Club, the French Club, the Social Science Club, the Botany Club and Mathematics Club. These clubs afford the students a wonderful opportunity for development.

There are two technical societies, in which special topics in connection with agriculture, mechanics and chemistry are considered in a manner conducive to independent thought and research.

**THE AGRICULTURAL ASSOCIATION**

This association is composed of agricultural students. It meets twice monthly for business and social purposes.

Honorary members may be elected to the association from time to time.

**RELIGIOUS ACTIVITIES**

It will be the purpose of the college to maintain a high moral tone and develop a broad, tolerant religious spirit among the students. In this connection there is a well organized Y. M. C. A. and Y. W. C. A., which meet twice a week for song and praise. A special service will be conducted in the chapel each Sunday by pastors representing the different denominations of the city. Sunday school is conducted every Sunday during the school year. All religious services will be free from sectarianism.

**THE COLLEGE BAND**

The College Band of more than thirty pieces occupies an important place in the life of the Institution. Instruction by an expert bandmaster is given in all band instruments. A splendid opportunity is thus offered competent and worthy students to learn band music without extra expense to themselves.

Membership in the band is open to regular students of the College.

**THE COLLEGE RADIO STATION**

The College has established an Amateur Radio Station which is a part of the Electrical Laboratory. The Radio Department contains two detector-two-step short wave receivers, one Aero Screengrid four tube receiver, two Hartley high C transmitters with power supply and filters, a General Radio type 558 wave-meter, a television receiver, and all the necessary equipment needed to operate the above apparatus. The call letters of the Station are W4JW. Students of the College are eligible for membership in the A. and T. Radio Club from which is chosen the staff of station operators.

The station is a member of the American Radio Club league and the Army Amateur Radio Relay System. It has exchanged messages with all parts of the United States and its insular possessions, and many foreign countries.

**OPPORTUNITIES FOR NURSE TRAINING**

The School of Nurses of the L. Richardson Memorial Hospital has established an affiliation with the A. and T. College, which makes it possible for young women who have completed their courses in nurse training to receive degrees from A. and T. College when they shall have met the college requirements for graduation. This should take from one to two years of additional study.

In recent years there has been a great increase in the number of hospitals established for Negroes, which brings about a corresponding demand for trained nurses. There is a great demand for nurses with college training to serve as superintendents of hospitals and in other executive positions. It is, therefore, hoped that a large number of young women will take advantage of the opportunities offered in this field.

**THE FOLLOWING SCHOLARSHIPS AND PRIZES  
WILL BE AWARDED IN 1934-1935****COLLEGE SCHOLARSHIPS**

The College will grant a scholarship for one year to any student who makes an average grade of "A" for the three-quarters of the preceding school year. This scholarship will pay tuition and can be used for no other purpose.

**PRIZES**

A prize of \$3.00, known as the Cone Cash Prize, will be given to the student who submits the most practical, original suggestion for the improvement of college affairs.

**MEDALS**

The John Merrick Medal will be awarded to the student completing the full mechanical course with the best four-year record in the college department. (Winner, 1933, T. Wilkins Washington.)

The M. F. Spaulding Medal will be awarded to the student completing the full four-year course in agriculture with the best record. (Winner, 1933, T. H. Holland.)

The Saslow's, Inc., Medals will be awarded (a) to the member of the graduating class who completes the four-year course in the Science College with best record, and (b) to the student who graduates with the best record in Social Sciences. (a) (Winner, 1933, Vincent D. White.) (b) (Winner, 1933, W. I. Morris.)

The Simpkins Medal in Natural Sciences shall be awarded annually to the student who completes the first two years of work in this college with the best record. The medal shall be awarded under the following conditions:

- (a) To the student who makes the best record in Natural Sciences, no grade in which can be below "B."
- (b) The best record in General Inorganic Chemistry (not less than 10 hours).
- (c) The best record in other Natural Sciences (not less than 10 hours, 5 of which must be in some natural science other than Chemistry). (Winner, 1933, Henry M. Bass.)

**THE SEBASTIAN MEDAL**

Dr. S. P. Sebastian offers a Gold Medal to the student completing the first three years of any course in college towards the Bachelor's degree, with the best record in deportment and scholarship. (Winner, 1933, Clarence I. Sawyer.)

**KAPPA SCHOLARSHIP AWARD**

A cup presented quarterly by the Kappa Alpha Psi fraternity, to the student, excluding Kappa men and pledges, having the highest scholastic average for the quarter. Each student's name is engraved on the cup and, after having been won by any one student for five quarters, becomes his permanent possession.

**THE KAPPA PHI KAPPA KEY**

The Kappa Phi Kappa Key was first awarded in 1928 by the Kappa Phi Kappa debating society. Since that year the key has been offered in honor of the late Mrs. Ophelia Chandler, of Asheville, by her son, Harold B. Chandler, B.S., '28.

The key is awarded to the member, or members, of the graduating class who have been speakers on the college debating team for two years.

**DEBATING TEAM, 1934**

<i>Affirmative</i>	<i>Negative</i>
Helene Biggers	Frank T. Wood
James Poole	Curl C. Griffin
Alternate	Alternate
Winston S. Leonard	C. G. Mabry

**SUMMER SCHOOL**

*In Point of Continuous Service the Oldest Summer School in the Country for Negroes*

The thirty-seventh annual summer session of the A. and T. College Summer School will begin June 7, 1934, and continue for twelve weeks.

Aside from the splendid opportunity which the Summer School offers teachers in service to raise their certificates and thereby obtain better salaries, the college makes it possible for the ambitious teacher to obtain a standard degree by attending the summer school.

Students who are in college may shorten their stay in college by attending summer school. Students from other institutions may enter the summer session for credit in their respective institutions, by permission from either the President or Dean of their respective colleges. Such students will not be required to present a complete record of their previous training, but will be required to present a signed statement from the President or Dean indicating the summer courses for which credit will be allowed.

**EVENING SCHOOL**

The college conducts an Evening School for Teachers in service, and others who can qualify for the courses offered. All evening courses are the same as such courses that are

offered in the regular day classes, and may be offered towards a degree. Admission to the Evening School is the same as for the same school in the regular day classes. The same amount of work is required and a similar grade of work is required for the same amount of credit.

## EXPENSES

*Parents and guardians are advised that all sums of money intended to defray expenses of students should be sent to the Bursar of the College.* If this suggestion is followed, it will not be possible for a student to spend for other purposes money sent him to meet his school bills. School bills must be paid by cash, postoffice money order, or bank draft. Personal checks are not accepted.

Although it is the aim of the College to furnish as much employment as possible to assist students in defraying expenses, no promise nor guarantee can be made in advance to furnish such work.

No money paid on school bills will be returned except such as may be paid in advance of the current month, and no student will be credited with fractional parts of monthly payments, except that students entering may make their initial payment to the first of next month.

Positively no students will be allowed to enter any department of the College without paying in cash the first month's expenses, as stated below.

### EXPENSES AND FEES

Boarding students entering for the first time should be prepared to make the following payments:

Board, Lodging, Tuition and Maintenance .....	\$17.00
Laundry .....	1.00
Lecture Fee .....	2.50
Dining Hall Fee .....	1.00
Library Fee .....	3.00
*Registration Fee .....	3.00
Medical Fee .....	3.00
Athletic Fee .....	7.00
†Incidental Fee .....	2.50

\*Registration fee for former students \$1.00.

†Incidental fee will be returned in full or proportional part to students at end of school year, provided breakage does not exceed full amount paid. This fee only provides for building and general campus equipment, and does not cover special laboratory equipment.

Laboratory Fee (Maximum) .....	4.00
College Register Fee .....	1.00
Mail Box Fee .....	.50
Gymnasium Fee .....	2.00
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Total .....	\$47.50

A student boarding and lodging in the city who is not a legal resident of Greensboro will make the following entrance payments:

†Tuition and Maintenance .....	\$ 8.00
Library Fee .....	3.00
Lecture Fee .....	2.50
*Registration Fee .....	3.00
Athletic Fee .....	7.00
†Incidental Fee .....	2.50
Laboratory Fee (Maximum) .....	4.00
College Register Fee .....	1.00
Medical Examination Fee .....	1.00
Gymnasium Fee .....	2.00
<hr/>	
Total .....	\$34.00

#### Monthly Payments—Boarding Students

Board, Lodging, Tuition and Maintenance .....	\$17.00
Laundry .....	1.00
<hr/>	
Total .....	\$18.00

#### Monthly Payments—Day Students

	Non-Residents of Greensboro	Legal Residents of Greensboro
Tuition and Maintenance .....	\$8.00	\$6.00

#### TERM PAYMENTS

(Fees Payable at the Beginning of Each Term)

Biology Lab. ....	\$ 3.00
Bacteriology Lab. ....	2.00
Dairy Lab. ....	2.00

\*Registration fee for former students \$1.00.

†Tuition and Maintenance for Legal Residents of Greensboro \$6.00.

†Incidental fee will be returned in full or proportional part to students at end of school year, provided breakage does not exceed full amount paid. This fee only provides for building and general campus equipment, and does not cover special laboratory equipment.

Botany Lab.	3.00
Chemistry Lab.	4.00
Physics Lab.	3.00
Zoology Lab.	3.00
Textiles Lab.	2.00
Soils Lab.	2.00
Foods Lab.	4.00
Drawing Fee	1.00
Commercial Course	4.00
Electrical Engineering	3.00
Electricity and Plumbing	2.00
Machine Shop Practice	3.00
Carpentry	3.00
Auto Mechanics	4.00
Blacksmithing	3.00
Carpentry	3.00
Masonry	4.00
Shoemaking	3.00
Tailoring	4.00

**Other Fees**

Registrar's Fee (for each transcript of a student's record)	\$ 1.00
Student Activities Fee	1.00
Fine Per Day for Late Class Registration, each Quarter	.50
Music (two lessons per week and use of Piano for practice) per month	4.00

*Note:* All fees and bills are payable in advance. Make all post-office money orders, bank drafts and cashier's checks payable to A. and T. College. Personal checks are not accepted unless certified.

**SCHEDULE OF STUDENT PAY DAYS FOR 1934-1935**

September 17th	\$47.50
October 13th	18.00
November 9th	18.00
December 6th	18.00
January 3rd (Laboratory Fees due)	22.00
February 1st	18.00
March 1st	18.00
April 1st (Laboratory Fee due)	22.00
May 1st	18.00

## LAUNDRY

The College operates a well-equipped steam laundry for the benefit of the students. Each boarding student is therefore required to have at least a dollar's worth of laundry done each month.

These charges are payable strictly in advance.

Students at the time of the advance payment will be given receipts, which will admit them to the class rooms, work shops and dining hall when properly signed.

In addition the above expenses, the cost of textbooks must be considered. This will amount to about \$12.50 per year.

Board, lodging, medical fee, tuition and incidental fee must be paid before the rooms are assigned and tickets of admission to class rooms, work shops and dining hall are issued.

Parents should see to it that bills are paid on time, as students will not be permitted to attend their classes unless their bills are paid.

Each student must bring two quilts or blankets, one counterpane, four sheets, two pillow cases, six towels, four napkins, etc.

## SELF-HELP

The institution cannot promise work to students who expect to work their way through college. Many students find work in private families, and in other occupations, by means of which they defray a portion of their expenses. A person of ability and energy who can do work of any kind, can generally find employment, but prospective students are cautioned against depending upon such unreliable sources of income.

## SCHOOL OF AGRICULTURE

M. F. SPAULDING, *Director*

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The School of Agriculture aims to educate efficient farmers, teachers of agriculture, agricultural extension workers, and leaders in other lines of agricultural activities. Courses are given in various departments of technical agriculture.

The School of Agriculture is well equipped to train men and women in horticulture, dairy manufacturing, dairy production, poultry production, rural engineering, rural sociology, rural education, farm crops, soils, and animal production.

### EQUIPMENT

The Noble Agricultural Building provides ample room for all agricultural class and laboratory activities. The third floor is occupied by the chemistry laboratory, a lecture room and an auditorium; two large rooms are equipped on the second floor for the botanical and zoological laboratories, classrooms for these courses are also provided on this floor; the first floor is occupied by the office of the director of the School of Agriculture, office of the State District Farm and Home Demonstration Agents, the local County and Home Agents, the Home Economics Department and the bacteriology laboratory; the basement provides space for laboratories in soils, farm crops, horticulture and dairy manufacturing.

### F FARMS

The College has two farms: The old farm is located on State Highway No. 10, and also on the Southern Railroad from Greensboro to Goldsboro, about one mile from the campus, and contains one hundred and three acres. There is on the farm a modern piggery, dairy barn, poultry plant, 32 acre permanent pasture, implement sheds, barns, an orchard containing several hundred fruit trees of various kinds, and a two-story brick dormitory. This dormitory is for the dairyman, farm superintendent and the poultryman.

The new farm contains one hundred and forty-three acres and is located on the McConnell Road about one mile south of the old farm. It has a large shed on it for sheltering farming implements.

These farms are well equipped with modern machinery necessary for successful farming under North Carolina conditions. The farms are ideal in size because they give an opportunity for instruction and practice in handling small farms on an intensive basis, the type of farming that will inevitably be followed in this country.

#### **SPECIAL WINTER SHORT COURSE**

The Agricultural Department offers a special winter short course to meet the needs of young men on the farm who find it impossible to take one of the regular courses. It is offered during the winter term at a time when it is most convenient for the young men to leave home for a few weeks. There are no entrance requirements for this course.

#### **DISTRICT FARMERS' MEETING**

The Annual Farmers' Conference for the western district of North Carolina, including Guilford County, will be held in February of each year. The purpose of this meeting is to help farmers make their spring plans. Prominent speakers will address the farmers and dinner will be served them by the college. This meeting is not to take the place of the annual State Farmers' Conference in August.

#### **FOUR-YEAR COLLEGE COURSE IN AGRICULTURE**

This course leads to the B.S. Degree in Agriculture. The entrance requirements are the same as stated elsewhere in this catalog under the heading "Admission to College."

#### **REQUIREMENTS FOR GRADUATION**

The successful completion of one of the prescribed curricula consisting of a minimum of 196 term credits is required for graduation. In addition, the student must have a thorough, practical knowledge of farming activities and rural life conditions before receiving his degree. Students who have not had this experience before entering the course will be given an opportunity to get it before ending their college career.

#### **THE CURRICULA**

The curriculum in General Agriculture aims to give the student instruction in courses which will prepare him for intelligent practical farming, for farm management and extension service.

The curriculum for Teachers of Agriculture is designed to prepare the trainee to qualify under the provisions of the Smith-Hughes Law to occupy positions as teachers of vocational agriculture in North Carolina and the south. Students who expect to teach vocational agriculture will be required to meet the professional requirements of the State of North Carolina.

A two-year course is offered which consists in the main of courses in agricultural sciences. This course is very practical for any students who wish to improve their general farming efficiency, and who do not look forward to the teaching profession.

### AGRICULTURAL CURRICULUM FOR TEACHERS

#### Freshman Year

	Fall	Winter	Spring
English 211, 212 .....	5(5-0)	5(5-0)	.....
Zoology 111 .....	4(3-2)	.....	.....
Chemistry 111, 112, 113 .....	5(3-4)	5(3-4)	5(2-6)
Mil. Science 211, 212, 213 .....	1(0-2)	1(0-2)	1(0-2)
Poultry 111, 112 .....	.....	3(2-2)	3(2-2)
Elective .....	.....	.....	3(2-2)
Horticulture 111 .....	.....	.....	4(2-4)
Music or Art 211, 212, 213 .....	1(0-2)	1(0-2)	1(0-2)
Botany 111 .....	.....	3(2-2)	.....
Education 211, 212, 213 .....	1(1-0)	1(1-0)	1(1-0)
	17	19	18

#### Sophomore Year

Animal Husbandry 111 .....	3(2-2)	.....
English 221, 222 or 231 or 232 .....	5(5-0)	5(5-0)
Geology 131 or Dairy 145 .....	.....	4(2-4)
Chemistry 122, Bacteriology 121 .....	5(3-4)	.....
Horticulture 121 .....	.....	3(2-2)
Agronomy 111, 112 .....	3(2-2)	3(2-2)
Mil. Science 221, 222, 223 .....	1(0-2)	1(0-2)
Poultry 131 .....	3(2-2)	.....
Zoology 121, 131 .....	3(2-2)	3(2-2)
Dairy 111 .....	5(3-4)	.....
	16	18
		17

**Junior Year**

	Fall	Winter	Spring
Education 237, 231 .....	.....	5(5-0)	5(5-0)
Economics 231, 271, 273 .....	5(5-0)	5(5-0)	5(5-0)
Dairy 131, 132 .....	5(3-4)	.....	5(3-4)
Animal Husbandry 121, 123 .....	3(2-2)	3(2-2)	.....
Dairy 146 .....	.....	4(2-4)	.....
Botany 121 .....	.....	.....	3(2-2)
Agronomy 121 .....	3(2-2)	.....	.....
	<hr/>	<hr/>	<hr/>
	16	17	18

**Senior Year**

	Fall	Winter	Spring
Education 271, 272, 273 .....	2(2-0)	2(2-0)	2(2-0)
Education 274, 275, 276 .....	2(0-4)	2(0-4)	2(0-4)
Agronomy 131, 132 .....	3(2-2)	.....	3(2-2)
Sociology 243 .....	5(5-0)	.....	.....
Rural Engineering 121, 122 .....	.....	3(2-2)	3(0-6)
Poultry 133 .....	.....	3(2-2)	.....
Horticulture 122 .....	.....	.....	4(2-4)
Botany 123 .....	.....	3(2-2)	.....
Animal Husbandry 124 .....	3(3-0)	.....	.....
Elective .....	3( )	.....	.....
Thesis or approved elective .....	.....	3( )	.....
	<hr/>	<hr/>	<hr/>
	18	16	14

**MAJOR IN GENERAL AGRICULTURE AND EXTENSION SERVICE\*****Junior Year**

	Fall	Winter	Spring
Sociology 243 .....	5(5-0)	.....	.....
Econ., Business Law 271, 236 .....	.....	3(3-0)	3(3-0)
Econ. 245, 273 .....	.....	5(5-0)	3(3-0)
Poultry 131 .....	.....	3(1-4)	3(1-4)
Agronomy 131, 132 .....	4(2-4)	.....	4(2-4)
Biology 131 .....	.....	.....	3(2-2)
Electives .....	7	9	0

\*Students elect majors in Junior year.

Note:—Credits: Listed under terms, the figure to the extreme left indicates the term credits. The left-hand figure within the parenthesis indicates the number of recitations per week; the right-hand figure indicates hours of laboratory per week.

Senior Year	Fall	Winter	Spring
*Observation and Practice in Extension Service, Ed. 278, 279 . . .	5(5-0)	5(0-10)	.....
Sociology 244 . . . . .	.....	4(4-0)	.....
A. H. 145 . . . . .	.....	.....	4(2-4)
Thesis . . . . .	.....	.....	3(0-6)
Electives . . . . .	4 . . . . .	3 . . . . .	8 . . . . .
	<hr/>	<hr/>	<hr/>
	10	13	16

### SHORT COURSE IN AGRICULTURE

This course is designed for farmers and prospective farmers who cannot leave their work for a long period, but who are desirous of improving their condition by learning how to produce and how to market. Students may enter this course at the beginning of any term.

Students taking the two-year course will be encouraged to select some phase of agriculture to which they are to give special study during the entire course. This work may be in Dairying, Field Crops, Horticulture, Poultry Production, and Swine Production. Projects in any of these phases of work must be of a nature approximating that of a real farming enterprise.

### OUTLINE OF COURSES

First Year	Fall	Winter	Spring
Agronomy 111, 112 . . . . .	.....	3(2-2)	3(2-2)
Animal Husbandry 111 . . . . .	.....	3(2-2)	.....
Dairying 111 . . . . .	5(3-4)	.....	.....
Poultry 111, 112 . . . . .	.....	3(2-2)	3(2-2)
Horticulture 111 . . . . .	.....	.....	4(2-4)
Horticulture 121 . . . . .	.....	.....	3(2-2)
Electives, Horticulture 122 . . . . .	4 . . . . .	.....	4(2-4)
Elective . . . . .	8 . . . . .	8 . . . . .	.....

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\*Students interested in general agriculture may select other courses.

**Second Year**

	Fall	Winter	Spring
Agronomy 121 .....	3(2-2)	.....	.....
Animal Husbandry 121, 123 .....	3(2-2)	3(2-2)	.....
Economics 245, 273 .....	.....	5(5-0)	5(5-0)
Rural Engineering 121, 122 .....	.....	3(2-2)	3(0-6)
Agronomy 131, 132 .....	3(2-1)	.....	3(2-2)
Electives .....	4 .....	6 .....	3 .....

Description of courses will be found under the various heads as described in the regular course of instruction.

**WINTER COURSE**

The winter courses are business and occupational courses, not academic, hence there are no examinations for admission. However, in order that the student may be able to make the best use of the instruction it is necessary that he should have had a good common school education.

The only requirements are that they meet those of general admission. However, they are advised to review their mathematics and English, as quite often they are handicapped because of deficiency in same.

The courses are open to both men and women above the age of 16. Students are advised to come two years instead of attending only one session. They are advised to enter one of the various practical divisions so as to see the advantage of farm machinery and modern equipment in connection with the various farming operations.

Students who show a desire for special training will be given special courses in the following:

Soils and Fertilizers; Field Crops; Dairying; Poultry Production; Swine; Horticulture.

**REGISTRATION**

On Thursday, January 3, beginning at 9 o'clock, all students should report for registration at the office of the Registrar of the College.

**METHODS OF INSTRUCTION**

Instruction in the winter courses is given by lectures, by such practical work (laboratory practice) in the various agricultural operations as can be conducted at that time of the year, and sometimes by trips or excursions to points of special interest.

## HOME ECONOMICS

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The course as outlined below is arranged to meet the needs of the following groups of students: Those who wish to teach, those who wish to enter graduate courses leading to technical or professional work, and those who wish to apply their knowledge to various problems of home life, or in fields of industry and social service in which an understanding of home economics subjects is essential to intelligent action.

The training given is as varied as it is broad. It includes a knowledge of the laws of health; an understanding of the sanitary requirements of the home; the study of values, both absolute and relative, of the various articles used in the home; the wise expenditure of money, time, and energy; the scientific principles underlying the selection and preparation of food; the right care of children; and the ability to secure efficient service from others.

A four-year college course in home economics will lead to a B.S. degree in Home Economics.

### COURSES IN HOME ECONOMICS LEADING TO THE DEGREE OF B.S.

#### Freshman Year

	Fall	Winter	Spring
English Composition, Eng. 211, 212.	5(5-0)	5(5-0)	.....
General Chemistry, Chem. 111, 112.	5(3-4)	5(3-4)	.....
Negro History, Hist. 213 .....	.....	.....	5(5-0)
Principles of Art and Design,			
Art 211 .....	.....	3(0-6)	.....
Textile Appreciation, Clothing 223..	.....	.....	3(2-2)
Food Buying and Preparation,			
Foods 221 .....	.....	.....	3(1-4)
Modern European History, Hist. 211	5(5-0)	.....	.....
Clothing 1, Clothing 211 .....	3(1-4)	.....	.....
Clothing 2, Clothing 212 .....	.....	3(1-4)	.....
Music 211, 212, 213 .....	1(0-2)	1(0-2)	1(0-2)
Physical Education 211, 212, 213 ..	1(0-2)	1(0-2)	1(0-2)

**Sophomore Year**

	Fall	Winter	Spring
Survey of English Literature, Eng.			
222, 223 .....	5(5-0)	5(5-0)	.....
Organic Chemistry, Chem. 122, 123 .	5(3-4)	5(3-4)	.....
General Psychology, Educ. 221 ....	4(4-0)	.....	.....
Zoology, Biology 111 .....	4(3-2)	.....	.....
Embryology and Physiology, Biol-			
ogy 121 .....	.....	4(3-2)	.....
Meal Preparation and Service,			
Foods 223 .....	.....	4(2-4)	.....
Household Physics, Physics 221 ....	5(4-2)	.....	.....
Home Administration, H. A. 223 ...	3(3-0)	.....	.....
Bacteriology, Bact. 121 .....	.....	.....	5(3-4)
Costume Design, Art 212 .....	.....	.....	3(1-4)
Music 211, 212, 213 .....	1(0-2)	1(0-2)	1(0-2)
Physical Education 221, 222, 223 ..	1(0-2)	1(0-2)	1(0-2)

**Junior Year**

French 211, 212, 213 .....	5(5-0)	5(5-0)	5(5-0)
Economics 231 .....	5(5-0)	.....	.....
Education 237, 231 .....	5(5-0)	.....	5(5-0)
House Planning and Interior Decora-			
tion, Art 213 .....	.....	3(1-4)	.....
Nutrition and Dietetics, Foods 241..	.....	.....	4(2-4)
Child Care and Home Nursing, H.A.			
242 .....	.....	4(3-2)	.....
Household Management, H. A. 223 ..	.....	3(3-0)	.....
Clothing III, Clothing 232 .....	3(0-6)	.....	.....

**Senior Year**

Sociology 231 .....	5(5-0)	.....	.....
Meal Planning, Foods 223 .....	.....	4(2-4)	.....
Clothing IV, Clothing 243 .....	3(0-6)	.....	.....
Methods of Teaching Home Econom-			
ics, Educ. 253 .....	.....	5(5-0)	.....
Federal Government, Political Sci-			
ence 231 .....	.....	5(5-0)	.....
Special Problems, Foods 242 .....	.....	.....	3(0-6)
Supervised Practice Teaching .....	.....	.....	5(5-0)
Electives .....	5(5-0)	.....	5(5-0)

## SCHOOL OF MECHANIC ARTS

J. M. MARTEENA, *Director*

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### ORGANIZATION

The School of Mechanic Arts of the North Carolina Agricultural and Technical College is organized to prepare students for, and to meet the demand of industry for leaders and skilled workmen in the various technical professions and trades. For the students not qualified to pursue college work in engineering, architecture and building, we offer the Smith-Hughes Trade School course, which is designed to prepare the student, in a short time, to enter the skilled trades.

The department offers four year courses as outlined below:

### OUTLINE OF COURSES

Architecture and Building

Commercial Industries

Electric Engineering

Industrial Arts (teacher training)

Mechanical Engineering

Extensive offerings in the Departments of Art, Mathematics, Physics

#### (Mechanic Arts—Shop Courses.)

Automobile Mechanics

Shoemaking and Leatherwork

Tailoring

Machine Tool Practice

Carpentry

Mechanical Drawing

### EQUIPMENT

#### MECHANIC ARTS DIVISION

In the past few years the State of North Carolina has invested many thousands of dollars in equipment for the Mechanic Arts Divisions. Each division has among its equipment the latest design of modern machinery and tools for each particular line of work. The shops and industries so equipped

are the automobile mechanics, shoe and leather work, carpentry and building, machine tool, tailor, brick and concrete, forge, plumbing and house wiring, and laundry management.

#### DRAWING ROOM

Our Drawing Department is one of the best to be found anywhere in the State. It has been enlarged, redesigned and equipped with the latest design in equipment. It has a capacity for 60 students working at one time. College students must secure their own drafting instruments.

#### ART STUDIO

The Art Studio is equipped with adjustable drawing stands, studio easels and model stands suitable for plaster paris reproductions of representative sculpture. All classes listed under the art curricula are taught in the art studio. As many as twenty students can work very satisfactorily together.

#### PHYSICS

The College Physics Laboratories were designed along with the building in which they are located, and every feature is modern. The department is equipped with photographic equipment and equipment for technical electrical measurements for advanced study in applied physics.

#### SURVEYING

The equipment for surveying consists of transists, levels, and stadia along with the minor equipment necessary for field work in this branch of science. Also included are instruments for drawing room work in surveying.

#### ELECTRICAL ENGINEERING LABORATORY

The Electrical Laboratory contains a  $6\frac{1}{2}$  KVA, 3-, 6-, and 12-phase Westinghouse A.C. synchronous motor, a 5 H.P. Westinghouse D.C. motor, two  $\frac{1}{4}$  H.P. single-phase induction motors, a 1 KVA A.C. motor, a  $1\frac{1}{4}$  H.P. D. C. motor, a 5 KVA 3-, 6-, and 12-phase generator, a  $6\frac{1}{2}$  KVA D.C. generator, a 1 H.P. Hobart D.C. generator, a 3 H.P. single-phase motor, a 2 H.P. 3-phase induction motor, a 1 KVA A.C. generator, a 5 KVA motor-generator Westinghouse set for converting from A.C. to D.C. or from D.C. to A.C., and a 1 KVA Hobart Battery Charging Unit. All of this apparatus is installed

and equipped with meters, brakes, and loading devise for testing. In addition the laboratory contains D.C. and A.C. Watt hour-meters, potentiometer and meter for measuring currents and voltages.

#### **CEMENT AND SAND TESTING MATERIALS LABORATORY**

The Cement and Sand Testing Materials Laboratory of the Mechanical Engineering Department is equipped to perform tests on sand and cement according to tests made standard by the American Society for Testing Materials. The sieves and machine for making sieve of mechanical analysis of sand and cement are of the latest Tyler design. Tensile and compression machines, moulds, etc., are Riehle design.

#### **HEATING PLANT**

The Heating Plant is under and a part of the School of Mechanic Arts; its equipment is used for instructional purposes. The plant contains four boilers, making a total of 600 rated horsepower, boiler feed pumps, vacuum pumps, feed water heater, etc., all of which is modern, being only recently installed.

#### **REFRIGERATION**

A Frick ammonia refrigerator system has been recently installed at the college, giving the students of mechanical engineering an opportunity to study operation of mechanical refrigeration as an augment to the work in thermodynamics.

#### **ADMISSION TO THE TECHNICAL COLLEGE**

The admission requirements are the same as those given for the entrance to freshman college class.

#### **ADVANCED STANDING**

Students who have attended colleges of approved standing will be given appropriate credit for work completed there, upon the presentation of the proper certificate to the Registrar, who will determine the credits for the curriculum which the student wishes to take.

## REQUIREMENTS FOR GRADUATION

The requirements for graduation in architecture, engineering, of building construction are the satisfactory completion of all courses in one of the prescribed curricula (see tabulation of curricula on pages following).

The student must also own and possess certain books and instruments. This is not an additional expense, as the necessary equipment will be accumulated during his years in college.

### SPECIAL STUDENTS

Special students are admitted by the Dean of this College who will see to the arrangement of their courses. Special students are understood to be applicants who desire to undertake special study without becoming candidates for degrees. They must evidence a sincere purpose to undertake and profit by the special study and must be of mature age. They must also give good reason for not entering regularly and for not undertaking one of the regular curricula.

### ARCHITECTURE AND BUILDING

#### Freshman Year

		Fall	Winter	Spring
✓	Elements of Architecture, A. B. 311, 312, 313 .....	3(0-6)	3(0-6)	3(0-6)
	Mathematics 311, 312, 313 .....	5(5-0)	5(5-0)	5(5-0)
	Descriptive Geometry 314 .....	.....	.....	3(1-4)
	English 211 212 .....	5(5-0)	5(5-0)	.....
	Orientation, Ed. 211, 212, 213 .....	1(2-0)	1(2-0)	1(2-0)
	Military Science, M. S. 211, 212, 213	1(0-2)	1(0-2)	1(0-2)
✓	History of Architecture 324, 325, 326	5(5-0)	5(5-0)	5(5-0)

#### Sophomore Year

	Calculus, Math. 321, 322, 323 .....	5(5-0)	5(5-0)	5(5-0)
	Materials of Construction, I. A. 324 .....	.....	.....	3(3-0)
✓	Perspective A. B. 324 .....	.....	.....	3(0-6)
	Masonry A. B. 326, 327 .....	3(0-6)	3(0-6)	.....
	Electric Wiring Shop Work 350 .....	.....	2(0-4)	.....
✓	Architectural Design A. B. 321, 322, 323 .....	4(1-8)	4(1-8)	4(1-8)
	Military Science, M. S. 321, 322, 323	1(0-2)	1(0-2)	1(0-2)
	General Physics 321, 322, 323 .....	5(4-2)	5(4-2)	5(4-2)

**Junior Year**

	Fall	Winter	Spring
Mechanics, M. E. 331, 332, 333 . . . . .	5(5-0)	5(5-0)	5(5-0)
Heating and Ventilating, M. E. 334, 335 . . . . .	3(3-0)	3(3-0)	.....
Working Drawings, A. B. 337, 338, 339 . . . . .	3(1-4)	2(1-2)	3(1-4)
Principles of Business, B.A. 331, 332.	5(5-0)	5(5-0)	.....

**Senior Year**

Architectural Design, A. B. 334, 335, 336 . . . . .	5(0-10)	5(0-10)	5(0-10)
Surveying Math. 324 . . . . .	.....	.....	2(0-4)
Electives . . . . .	.....	.....	5 hrs.
Architectural Design, A. B. 3410, 3411, 3412 . . . . .	6(0-12)	6(0-12)	6(0-12)
Architectural Practice, A. B. 346 . . . . .	2(2-0)	.....	.....
Concrete Design, A. B. 345 . . . . .	.....	.....	5(5-0)
Figure Drawing, Art 342, 343 . . . . .	3(0-6)	3(0-6)	.....
Building Superintendence, A. B. 347 . . . . .	.....	5(5-0)	.....
Commercial Law, B. A. 334, 335, 336	3(3-0)	3(3-0)	3(3-0)
Testing Materials Lab., M. E. 349 . . . . .	.....	.....	2(1-3)
Electives . . . . .	4 to 6	1 to 3	2 to 4

**Suggested Electives**

1. French
2. Contracts and Specifications
3. English
4. Estimating

**CURRICULUM IN COMMERCIAL INDUSTRIES****Freshman Year**

	Fall	Winter	Spring
Algebra, Trigonometry, Math. 311, 312 . . . . .	5(5-0)	5(5-0)	.....
English 211 212 . . . . .	.....	5(5-0)	5(5-0)
Mechanical Drawing, M. E. 311, 312	3(0-6)	1(0-2)	10(2-16)
Industrial Laboratory, C. I. 311, 312, 313 . . . . .	.....	3(0-6)	3(0-6)
Military Science, M. S. 211, 212, 213	1(0-2)	1(0-2)	1(0-2)
Orientation, Ed. 111, 112, 113 . . . . .	1(2-0)	1(2-0)	1(2-0)
Chemistry 111, 112 . . . . .	5(5-0)	5(5-0)	.....

**Note:**—Credits: Listed under terms, the figure to the extreme left indicates the term credits. The left-hand figure within the parenthesis indicates the number of recitations per week; the right-hand figure indicates hours of laboratory per week.

**Sophomore Year**

	Fall	Winter	Spring
Physics 321, 322 .....	5(4-2)	5(4-2)	.....
Industrial Laboratory, C. I. 321, 322, 323 .....	5(0-10)	5(0-10)	8(2-12)
Art 311, 312, 313 .....	3(0-6)	3(0-6)	3(0-6)
M. S. 221, 222, 223 .....	1(0-2)	1(0-2)	1(0-2)
Materials of Construction, I. A. 324. ....	.....	.....	3(3-0)
Survey Math. 324 .....	.....	.....	2(0-4)
Principles of Business, B. A. 231, 232	5(5-0)	5(5-0)	.....
Industrial Hygiene, C. I. 324 .....	.....	.....	2(2-0)

**Junior Year**

Vocational Drawing, I. A. 331, 332, 333 .....	3(0-6)	3(0-6)	3(0-6)
Contract and Specifications, M. E. 327 .....	3(3-0)	.....	.....
Vocational Education, Job Analysis Ed. 331, 332 .....	.....	3(3-0)	3(3-0)
Economics, Econ. 231 .....	5(5-0)	.....	.....
Electric Wiring Laboratory 350 .....	.....	2(0-4)	.....
Applied Mathematics, C. I. 335, 336, 337 .....	3(3-0)	3(3-0)	3(3-0)
Industrial Laboratory, C. I. 331, 332, 333 .....	6(0-12)	8(2-12)	8(2-12)

**Senior Year**

Cost Accounting, B. A. 241 .....	5(5-0)	.....	.....
Cooperative Industrial Extension, C. I. 348, 349 .....	.....	4(0-8)	4(0-8)
Estimating, C. I. 344a, 344b, 344c, or 344d .....	.....	5(5-0)	.....
Principles of Foremanship, C. I. 346 .....	.....	.....	3(3-0)
Industrial Laboratory, C. I. 341, 342, 343 .....	9(2-14)	8(2-12)	8(2-12)
Principles of Sociology, Soc. 231 ..	4(4-0)	.....	.....
Industrial Relations, C. I. 347 .....	.....	.....	3(3-0)

**TEACHER-TRAINING FOR TRADES AND  
INDUSTRIAL EDUCATION****TEACHERS OF INDUSTRIAL ARTS**

The State of North Carolina finds it quite a problem to secure qualified teachers of Industrial Arts for its High

Schools. A. and T. College offers courses for training of Industrial Arts teachers. The prospective teacher, in addition to a thorough preparation in subject matter in the various shops such as wood-working, machine shop practice, electrical work, automobile repairing, masonry, and mechanical drawing, is given courses in organization of the industrial arts, shop management, and methods of instruction.

#### **TEACHERS FOR TRADES AND INDUSTRIES AND THE RELATED SUBJECTS**

The board of vocational education has designated A. and T. College as the Teacher-Training Institution for teachers of trades and industries and the related subjects. Its purpose is to meet the growing demand for such teachers in the State and to develop the vocational program. We are in great need of all day trade and part-time trade teachers and evening trade class teachers, and in a very short time it is possible that we shall need colored supervisors and directors of industrial education in our larger towns and cities. The School of Mechanic Arts is co-operating with the Department of Industrial Education in training men for these positions. Students with trade knowledge and experience and two years of technical college work are eligible for vocational teacher training for Trades and Related Subjects, and the Industrial Arts.

One of the greatest needs at present is qualified trades and technical teachers of evening classes. Students who have a high school training and trade knowledge and technical experience may enter a two-year teacher training course and receive a State vocational certificate to teach in evening school and classes.

#### **CURRICULUM FOR INDUSTRIAL ARTS TEACHERS**

##### **Freshman Year**

	Fall	Winter	Spring
Algebra, Trigonometry, Analytical Geometry, Math. 311, 312, 313 .	5(5-0)	5(5-0)	5(5-0)
Elementary Woodworking, I. A. 311, 312 313 .....	3(0-6)	3(0-6)	3(0-6)
Descriptive Geometry, M. E. 314 ..	.....	.....	3(1-4)
Mechanical Drawing, M. E. 311, 312	3(0-6)	3(0-6)	.....
English, Eng. 211, 212 .....	.....	5(5-0)	5(5-0)
Chemistry, Chem. 111, 112 .....	5(5-0)	5(5-0)	.....
Military Science, M. S. 211, 212, 213	1(0-2)	1(0-2)	1(0-2)
Orientation, Ed. 211, 212, 213 .....	1(2-0)	1(2-0)	1(2-0)
	<u>18</u>	<u>23</u>	<u>18</u>

**Sophomore Year**

	Fall	Winter	Spring
*Calculus, Math. 321, 322, 323 . . . . .	5(5-0)	5(5-0)	5(5-0)
Physics 321, 322, 323 . . . . .	5(5-0)	5(5-0)	5(5-0)
Advanced Woodworking, I. A. 325, 326, 327 . . . . .	3(0-6)	3(0-6)	3(0-6)
Free Hand Drawing, Art 311, 312, 313 . . . . .	3(0-6)	3(0-6)	3(0-6)
Military Science, M. S. 221, 222, 223	1(0-2)	1(0-2)	1(0-2)
Materials of Construction, I. A. 324	3(3-0)	.....	.....
	20	17	17

**Junior Year**

Wood Turning, Upholstering Finish- ing, I. A. 338, 339, 340 . . . . .	3(0-6)	3(0-6)	3(0-6)
Vocational Drawing, I. A. 331, 332, 333 . . . . .	3(0-6)	3(0-6)	3(0-6)
Vocational Education, Trade Analy- sis, Education 331, 332 . . . . .	3(3-0)	3(3-0)	3(3-0)
Public Speaking, Eng. 232 . . . . .	3(3-0)	.....	.....
Principles of Economics, Econ. 231, 232 . . . . .	5(5-0)	5(5-0)	.....
Educational Psychology, Ed. 231 . . . . .	.....	.....	5(5-0)
Principles of Secondary Education, Ed. 237, 238 . . . . .	3(3-0)	3(3-0)	.....
Electives . . . . .	3 . . . . .	3 . . . . .	3 . . . . .
	20	20	17

**Senior Year**

Machine Shop, Electricity, Auto Mechanics, I. A. 348, 349, 350 . . . . .	2(0-4)	3(0-6)	2(0-4)
Principles of Sociology, Soc. 231 . . . . .	4(4-0)	.....	.....
Organization of part time classes, Ob- servation and Practice Teach- ing, Ed. 344, 345 . . . . .	.....	3(3-0)	3(3-0)
History of Industrial Education, I. A. 341, 342 . . . . .	3(3-0)	3(3-0)	.....
Test and Measurements, Ed. 236 . . . . .	.....	.....	5(5-0)
Vocational Guidance, Ed. 341, 342 . . . . .	3(3-0)	3(3-0)	.....
Methods of Teaching, I. A. Ed. 343 . . . . .	.....	.....	3(3-0)
Methods of Teaching Math. (Second Major) Ed. 345 . . . . .	.....	3(3-0)	.....
Electives . . . . .	3-5 hrs.	3-5 hrs.	3-5 hrs.
A. B. 339, 3310, 3311 . . . . .	3(0-6)	3(0-6)	3(0-6)

\*Required only for those taking a major in mathematics.

**CURRICULUM OF FINE ARTS**

(For students who wish to major in Fine Arts.)

**Freshman Year**

	Fall	Winter	Spring
Sketch Design, Art 314, 315, 316 ..	2(0-4)	2(0-4)	2(0-4)
Education, Ed. 211, 212, 213 .....	1(1-0)	1(1-0)	1(1-0)
Free Hand Drawing 311, 312, 313 ..	3(0-6)	3(0-6)	3(0-6)
Mechanical Drawing, M. E. 311, 312, 313 .....	3(0-6)	3(0-6)	3(1-4)
Military Science, M. S. 211, 212, 213	1(0-2)	1(0-2)	1(0-2)
English 211, 212 .....	.....	5(5-0)	5(5-0)
Mathematics 311, 312 .....	5(5-0)	5(5-0)	.....
Modern European History 211 .....	5(5-0)	.....	.....
Negro History 213 .....	.....	.....	5(5-0)

**Sophomore Year**

English 222, 223 .....	.....	5(5-0)	5(5-0)
General Psychology 221 .....	4(4-0)	.....	.....
French 211, 212 .....	5(5-0)	5(5-0)	.....
Commercial Art, Art 321, 322, 323 ..	3(0-6)	3(0-6)	3(0-6)
Art Appreciation, Art 327, 328, 329.	1(0-2)	1(0-2)	1(0-2)
Composition, Art 317, 318, 319 ..	1(0-2)	1(0-2)	1(0-2)
Military Science 221, 222, 223 ..	1(0-2)	1(0-2)	1(0-2)
Still Life, Art 3202 .....	.....	.....	1(0-2)
Lettering, Art 3203 .....	.....	.....	1(0-2)
Sketch and Design II, Art 326 .....	.....	.....	2(0-4)
Electives .....	3 to 5	2 to 4	3 to 5

**Junior Year**

American History 222 .....	5(5-0)	.....	.....
Business Correspondence 239 .....	.....	.....	5(5-0)
Education 237, 238, 231 .....	3(3-0)	3(3-0)	5(5-0)
History of Architecture 324, 325, 326 .....	5(5-0)	5(5-0)	5(5-0)
Commercial Art II 331, 332 .....	2(0-4)	3(0-6)	.....
Composition II, Art 337, 338, 339 ..	1(0-2)	1(0-2)	1(0-2)
Portrait I, Art 334, 335, 336 .....	2(0-4)	2(0-4)	2(0-4)
Anatomy, Art 333 .....	.....	1(0-2)	.....

**Senior Year**

	Fall	Winter	Spring
Education 245, 251 .....	.....	5(5-0)	5(1-8)
History 231 .....	5(5-0)	.....	.....
American Arts 346, 347 .....	2(2-0)	2(2-0)	.....
Public School Art, 343, 344, 345 .....	3(1-5)	3(1-5)	3(1-5)
Portrait II 347, 348, 349 .....	2(0-4)	2(0-4)	2(0-4)
Oil Painting 3401, 3402, 3403 .....	3(0-6)	3(0-6)	3(0-6)
Life Art 341, 342 .....	.....	2(0-4)	2(0-4)

**CURRICULUM FOR STUDENTS IN ELECTRICAL  
OR MECHANICAL ENGINEERING****Freshman Year**

	Fall	Winter	Spring
Chemistry 111, 112, 113 .....	5(3-4)	5(3-4)	5(3-4)
Mathematics 311, 312, 313 .....	5(5-0)	5(5-0)	5(5-0)
Orientation, Ed. 211, 212, 213 .....	1(1-0)	1(1-0)	1(1-0)
Military Science 211, 212, 213 .....	1(0-2)	1(0-2)	1(0-2)
English 211, 212 .....	.....	5(5-0)	5(5-0)
Mechanical Drawing 311, 312 .....	3(0-6)	3(0-6)	.....
Descriptive Geometry, M. E. 314 .....	.....	.....	3(1-4)
Shop Work, M. E. 317 .....	3(0-6)	.....	.....

**Sophomore Year**

Physics 321, 322, 323 .....	5(3-4)	5(3-4)	5(3-4)
Mathematics 321, 322, 323 .....	5(5-0)	5(5-0)	5(5-0)
Military Science 22, 222, 223 .....	1(0-2)	1(0-2)	1(0-2)
Metallurgy, M. E. 328 .....	.....	2(2-0)	.....
Machine Shop Practice 348, 349 .....	2(0-4)	2(0-4)	.....
Mechanical Drawing 323, 324, 325 .....	2(0-4)	2(0-4)	2(0-4)
Contract Specifications, M. E. 327 .....	.....	.....	3(3-0)
Economics 231 .....	5(5-0)	.....	.....
Surveying, Math. 324 .....	.....	.....	2(0-4)
Elective .....	3 .....	3 .....	.....

**Junior Year Electrical Engineering**

Mechanics, M. E. 331, 332, 333 .....	5(5-0)	5(5-0)	5(5-0)
Electrical Engineering 331, 332, 333 .....	5(3-4)	5(3-4)	5(3-4)
Electrical Engineering 334, 335 .....	5(3-4)	5(3-4)	.....
Heat Power Engineering, M. E. 336 .....	.....	.....	5(5-0)
Mechanism, M. E. 321 .....	.....	.....	5(5-0)
Elective .....	3 .....	3 .....	.....

**Senior Year Electrical Engineering**

		Fall	Winter	Spring
Electrical Engineering	346, 347, 348	5(3-4)	5(3-4)	5(3-4)
Electrical Engineering	345 .....	3(3-0)	.....	.....
Electrical Engineering	350 .....	3(3-0)	.....	.....
Electrical Engineering	351 .....	.....	.....	3(3-0)
Electrical Engineering	354 .....	.....	5(3-4)	.....
Electrical Engineering	355, 356 ...	3(3-0)	3(3-0)	.....
Hydraulics, M. E.	337 .....	3(3-0)	.....	.....
Electives .....	.....	2 .....	5 .....	10 .....

**Suggested Electives**

- Electrical Engineering 353  
 Differential Equations, Math. 331  
 Education 246, 249, 251  
 Estimating

**CURRICULUM IN MECHANICAL ENGINEERING****Junior Year Mechanical Engineering**

		Fall	Winter	Spring
Mechanics, M. E.	331, 332, 333 .....	5(5-0)	5(5-0)	5(5-0)
Heating and Ventilating, M. E.	334, 335 .....	3(3-0)	3(3-0)	.....
Mechanism, M. E.	321 .....	.....	.....	5(5-0)
Heat Power Engineering, M. E.	336 .....	.....	.....	5(5-0)
Internal Combusition Engines, M. E.	338 .....	.....	3(3-0)	.....
Hydraulics, M. E.	337 .....	3(3-0)	.....	.....
Materials of Construction, I. A.	324 .....	.....	.....	3(3-0)
Concrete Design, A. B.	345 .....	5(5-0)	.....	.....
Diesel Engines, M. E.	339 .....	.....	5(3-0)	.....
Electives .....	.....	2-4	4-6	.....

**Senior Year Mechanical Engineering**

Electrical Engineering, E. E.	331,			
	332, 333 .....	5(3-4)	5(3-4)	5(3-4)
Machine Design, M. E.	341, 342, 343	5(5-0)	5(3-4)	5(3-4)
Testing Materials Lab., M. E.	349 ..	2(0-4)	.....	.....
Heat Power Engineering, M. E.	344, 345 .....	.....	5(4-2)	.....
Hydraulic Machinery, M. E.	347 ..	.....	.....	3(3-0)
Electives .....	2 to 3	3 to 5	5 to 7	

**Suggested Electives**

Differential Equations, Math. 331  
Education 246, 249, 251  
Estimating, A. B. 332  
Principles of Business, B. A. 231, 232  
Electrical Measurements, E. E. 334, 335  
English

## THE COLLEGE OF ARTS AND SCIENCES

WARMOTH T. GIBBS, *Dean*

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The College of Arts and Sciences offers to the student opportunity to prepare either for teaching or for any one of several distinct vocational pursuits. The course is constructed so that the student, although specializing, may come in touch with subjects that possess wide cultural value and insure that broader outlook upon life which should characterize the educated man or woman. This College also offers professional courses in subjects required by the State Board of Education for the Standard "A" grade certificate. Students who complete all required professional subjects will qualify for the class "A" certificates offered by the State of North Carolina.

The Science Department includes five major departments: Business and Economics, Education, English, Foreign Language, History and Social Science.

### REQUIREMENTS FOR ADMISSION

Admission requirements are the same as those given for entrance to freshman college classes (page 20).

### REQUIREMENTS FOR GRADUATION

A minimum of 196 term credit hours and 196 grade points, including military science or physical education, and an acceptable thesis are required for graduation.

### THESIS RULES

A candidate for the bachelor's degree in the College of Arts and Sciences must present a satisfactory thesis as part requirement. The subject of the thesis together with the approval of the adviser directing the work must be turned into the office of the Director of the Arts and Science Department not later than December 1. He must submit his complete manuscript to his adviser not later than May 15th if he is a candidate for a degree in June.

A candidate who expects to receive his degree at the end of the summer quarter must submit the complete manuscript of his thesis, ready for typewriting, to his adviser for approval not later than four weeks prior to date of graduation.

If the manuscript is then approved the candidate proceeds at once to have a typewritten copy made. The typewritten copy should then be presented to the adviser, for final approval, not later than one week prior to the date of graduation. If it is then approved it shall be deposited with the registrar not later than three days prior to the date of graduation.

#### **ADVANCED STANDING**

Students who transfer from accredited colleges will be given credit for work done upon presentation of records to the proper authorities who will evaluate them.

#### **OPPORTUNITIES FOR WOMEN**

All courses in the College are open to women on the same basis as men. There is a great demand for well trained women not only as teachers but in practically all fields of endeavor. Accordingly, women registering in the Teacher Training Division may, with approval of their adviser, select courses in any other division or department of the Institution.

The aim of this division is to give the women as well as the men who plan to teach every opportunity to take full advantage of all the facilities of the College in developing the best and most comprehensive training possible.

#### **ADVISERS**

Each student of the college is assigned an adviser when he presents himself for registration. The adviser is always a member of the faculty. All courses must be elected with the approval of the adviser assigned.

#### **MAJORS AND MINORS**

A student upon entering his third year is expected to concentrate in at least two definite fields of study. In arranging his work he must conform to the following regulations: (1) At least forty-five hours of the total number required for graduation must be chosen from a particular subject or field. This will constitute the student's major group. (2) At least 27 hours must be chosen from another subject or field. This will constitute his minor group. The major should represent the student's principal field of interest and the minor, that of his second selection. Persons preparing to teach must complete majors in two fields.

- I. The following are suggested as fields for major study:
  1. Business Administration and Economics
  2. Chemistry
  3. Commercial Education
  4. English
  5. History
  6. Mathematics
  7. Modern Languages
  8. Science (including Zoology, Botany, Geography, and Physics).
- II. For a minor the student may select any one of the above fields other than that of his major study.
- III. The elective work may be taken in any of the departments indicated above or from any other department of the Institution subject to the approval of the Dean of the College of Arts and Sciences.

#### **GENERAL MINIMUM DISTRIBUTION REQUIREMENTS**

In addition to majors and minors each candidate for graduation will be required to meet the following distribution requirements both as to subjects and hours.

1. Foreign language, 10 hours for those who present two admission units of high school credit in the same language, others 15 hours.
2. Mathematics, including college Algebra and Trigonometry, 10 hours.
3. English, including Composition and Literature, 20 hours.
4. Science, 10 hours of chemistry or physics and 10 hours of biological sciences.
5. History of the Negro, of the U. S., of Modern Europe, 5 hours each, 15 hours.
6. Music or Art Appreciation, 4 to 6 hours.
7. Military Science or Physical Education, 6 hours.
8. Orientation and Occupations, 3 hours.
9. Vocations, 2 to 4 hours.

#### **REGULATIONS FOR NORTH CAROLINA TEACHERS' CERTIFICATES**

##### **SPECIFIC REQUIREMENTS, HIGH SCHOOL TEACHERS' CERTIFICATE**

- |                               |                  |
|-------------------------------|------------------|
| 1. Education Psychology ..... | 2 semester hours |
|-------------------------------|------------------|

2. Principles of High School Teaching  
or  
Problems in Secondary Education .... 2 semester hours  
 3. Materials and Methods ..... 2 semester hours  
 4. Observation and Directed Teaching ... 3 semester hours  
     (one or both fields)  
 5. Electives ..... 9 semester hours

## CURRICULA

During the first two years in the Department of Arts and Sciences, the student is expected to lay a broad foundation for later specialization. To secure this end the courses in the Freshman and Sophomore years have been so selected and grouped as to cover all of the major fields of knowledge. They are prescribed and required of all students in the College.

### REQUIRED COURSES FOR FRESHMEN AND SOPHOMORES

English 211, 212—Composition .....	10 hours
English 221, 222 or 223—Literature .....	10 hours
Foreign Language (one language) .....	15 hours
Mathematics 311, 312 .....	10 hours
History 211 or 212, 213, 221 or 222 .....	15 hours
Science—Chemistry or Physics .....	10 hours
Biological Science .....	10 hours
Music 211, 212, 213, 221, 222, 223 .....	6 hours
Military Science 211, 212, 213, 221, 222, 223 (for men) .....	6 hours
Physical Education 211, 212, 213, 221, 222, 223 (for women) .....	6 hours
Orientation .....	3 hours

### COURSES PRELIMINARY TO ADMISSION TO MEDICAL COLLEGE

This Institution has been rated as class "A" by the American Medical Association as to qualifications for giving pre-medical school training. Students completing the prescribed course are therefore admitted to the medical colleges of this country without examination.

All students planning to study medicine are urged, however, to complete the four-year course and receive their degree before entering medical school.

The following represent the minimum requirements in general for admission to class "A" Medical Schools:

	<i>Quarter Hours</i>
Chemistry (inorganic) .....	15
Chemistry (organic) .....	9
Physics .....	15
Biology .....	12
English (composition and literature) .....	18
A modern foreign language (a reading knowledge) .....	12
Electives .....	10-18

Most medical colleges recommend at least one year of mathematics (in college).

### SELECTION OF MAJORS

On reaching the Junior year in college each student will be required to make out a program of study covering both the Junior and Senior years indicating his major and minor, and also the courses intended to meet these requirements. This will be submitted to his adviser for approval. The following combinations are suggested for Majors:

#### MAJOR IN BIOLOGICAL SCIENCES

##### Junior Year

	Fall	Winter	Spring
Economic Entomology, Zool. 131 ...	.....	.....	3(2-2)
Organic Chemistry, Chem. 122, 123, 124 .....	5(2-6)	5(2-6)	5(2-6)
General Physics, Phy. 321, 322 .....	5(4-2)	5(4-2)	.....
*Electives .....	5(5-0)	5(5-0)	5(5-0)

##### Senior Year

Anatomy and Physiology, Zool. 121.	3(2-2)	.....	.....
Geography, Geog. 240, 241 .....	5(5-0)	5(5-0)	.....
Geology, Geol. 131 .....	.....	.....	5(4-2)
*Electives .....	5(3-4)	5(3-4)	5(3-4)

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\*Those planning to teach elect Education.

**MAJOR IN CHEMISTRY**

<b>Junior Year</b>	Fall	Winter	Spring
Organic Chemistry, Chem. 122, 123, 124 .....	5(2-6)	5(2-6)	5(2-6)
Qualitative Analysis, Chem. 113 .....	.....	.....	5(3-4)
General Physics, Phy. 221, 222 .....	5(4-2)	5(4-2)	.....
*Electives .....	5(5-0)	5(5-0)	5(5-0)
<b>Senior Year</b>			
Quantitative Analysis, Chem. 131, 132 .....	5(2-6)	5(2-6)	.....
Qualitative Organic Chemistry, Chem. 133 .....	.....	.....	3(1-4)
Quantitative Organic Chemistry, Chem. 134 .....	2(0-4)	.....	.....
Advanced Organic Chemistry, Chem. 125 .....	.....	5(2-4)	.....
Geology, Geol. 131 .....	.....	.....	5(4-2)
*Electives .....	5(5-0)	5(5-0)	5(5-0)

**MAJOR IN BUSINESS ADMINISTRATION**

<b>Junior Year</b>	Fall	Winter	Spring
Principles of Business, B. A. 231 ..	5(5-0)	.....	.....
Accounting, B. A. 232, 233 .....	.....	5(5-0)	5(5-0)
Commercial Law, B. A. 235, 236 .....	.....	3(3-0)	3(3-0)
Principles of Salesmanship, B. A. 237	5(5-0)	.....	.....
Business Correspondence, B. A. 239 .....	.....	.....	5(5-0)
Principles of Economics, Econ. 231.	5(5-0)	.....	.....
Economic Problems, Econ. 232 .....	.....	5(5-0)	.....
Money and Banking, Econ. 242 .....	.....	.....	5(5-0)
Electives			

**Senior Year**

Cost Accounting, B. A. 241 .....	5(5-0)	.....	.....
Accounting Systems, B. A. 242 .....	.....	5(5-0)	.....
Principles of Marketing, Econ. 244.	5(5-0)	.....	.....
Business Finance, B. A. 247 .....	5(5-0)	.....	.....
Corporation Finance, B. A. 248 .....	5(5-0)	.....	.....
Office Management, B. A. 252 .....	5(5-0)	.....	.....
Personnel Administration, B. A. 253 .....	.....	.....	5(5-0)
Insurance, Econ. 256 .....	.....	.....	5(5-0)
Electives			

\*Those planning to teach will elect Education. See requirements page 55.

**MAJOR IN ENGLISH****Junior Year**

	Fall	Winter	Spring
Journalism, Eng. 231 .....	5(5-0)	.....	.....
Public Speaking, Eng. 232 .....	3(3-0)	.....	.....
or			
Debating, Eng. 236			
or			
Dramatics, Eng. 233 .....	5(5-0)	.....	.....
English Literature, Eng. 235, 234,			
238 .....	3(3-0)	3(3-0)	3(3-0)
American Literature, Eng. 220, 221 .....	5(5-0)	5(5-0)	5(5-0)
Negro Literature, Eng. 215 .....	.....	.....	3(3-0)

\*Electives

**Senior Year**

Advanced Composition, Eng. 244 ..	5(5-0)	.....	.....
English Literature, Eng. 241, 242,			
243 .....	3(3-0)	3(3-0)	3(3-0)
Ancient and Medieval History, Hist.			
231, 232 .....	.....	5(5-0)	5(5-0)

\*Electives

**CERTIFICATE IN SECRETARIAL SCIENCE****Freshman Year**

	Fall	Winter	Spring
Economic Principles and Problems,			
Econ. 231, 232 .....	5(5-0)	5(5-0)	.....
Accounting, B. A. 232, 233 .....	.....	5(5-0)	5(5-0)
English Composition, Eng. 211, 212.	5(5-0)	5(5-0)	.....
Secretarial Studies, Sec. Sc. 212 .....	.....	.....	6(2-8)
Shorthand, Sec. Sc. 214, 215, 216 ..	5(5-0)	5(5-0)	5(5-0)
Typewriting, Sec. Sc. 217, 218, 219	2.5(0-5)	2.5(0-5)	2.5(0-5)
Electives			

**Sophomore Year**

Principles of Salesmanship, B. A. 237	5(5-0)	.....	.....
Principles of Retailing, Econ. 246 ..	.....	5(5-0)	.....
Commercial Law, B. A. 235, 236 ..	3(3-0)	3(3-0)	.....
Office Training, Sec. Sc. 221 .....	.....	.....	5(1-9)
Advanced Stenography, Sec. Sc. 222 ..	.....	.....	5(5-0)

\*Electives

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\*Those planning to teach will elect Education.

**SPECIAL SECRETARIAL SCIENCE**

<i>Fall</i>	<i>Winter</i>	<i>Spring</i>
Sec. Sc. 214	Sec. Sc. 221-9	Sec. Sc. 216-5
Sec. Sc. 217	Sec. Sc. 215	Sec. Sc. 219-2
Economic 231 or	Sec. Sc. 218	Sec. Sc. 222
B. A. 231	Economic 246	Sec. Sc. 216

**MAJOR IN FOREIGN LANGUAGES****Junior Year**

	<i>Fall</i>	<i>Winter</i>	<i>Spring</i>
Conversational French, Fr. 221 . . . .	3(3-0)	.....	.....
Advanced French Grammar, Fr. 222, 223 . . . . .	.....	3(3-0)	3(3-0)
Elementary Spanish, Span. 211, 212, 213			
or			
Elementary German, Ger. 211, 212, 213 . . . . .	5(5-0)	5(5-0)	5(5-0)
*Electives . . . . .	5(5-0)	5(5-0)	5(5-0)

**Senior Year**

French Literature, Fr. 231, 232, 233	3(3-0)	3(3-0)	3(3-0)
Elementary Spanish, Span. 211, 212, 213			
or			
Elementary German, Ger. 211, 212, 213 . . . . .	5(5-0)	5(5-0)	5(5-0)
French Seminar, Fr. 246 . . . . .	.....	.....	3(0-6)
*Electives . . . . .	5(5-0)	5(5-0)	.....

**MAJOR IN HISTORY****Junior Year**

	<i>Fall</i>	<i>Winter</i>	<i>Spring</i>
Ancient and Medieval History, Hist. 231, 232 . . . . .	.....	5(5-0)	5(5-0)
Economics, Ec. 231, 232 . . . . .	5(5-0)	5(5-0)	.....
Money and Banking, Ec. 233 . . . . .	.....	.....	5(5-0)
Sociology 231, 232, 243 . . . . .	5(5-0)	3(3-0)	3(3-0)
Electives			

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\*Those planning to teach will elect Education.

**Senior Year**

	Fall	Winter	Spring
Principles of Geography, Geo. 240 . . .	5(5-0)	.....	.....
Commercial Geography, Geo. 241 . . . . .	.....	5(5-0)	.....
Latin American History, Hist. 233 . . . . .	.....	.....	3(3-0)
Federal Government, Pol. Sc. 231 . . . . .	5(5-0)	.....	.....
State Government, Pol. Sc. 232 . . . . .	.....	5(5-0)	.....
Historical Research, Hist. 245 . . . . .	.....	.....	3(0-6)
Electives . . . . .	5(5-0)	5(5-0)	5(5-0)

**MAJOR IN MATHEMATICS****Junior Year**

	Fall	Winter	Spring
Calculus, Math. 321, 322, 323 . . . . .	5(5-0)	5(5-0)	5(5-0)
Principles of Economics, Econ. 231,			
Math. 324 . . . . .	5(5-0)	5(5-0)	5(5-0)
Physics 321, 322, 323 . . . . .	5(5-0)	5(5-0)	5(5-0)
Electives			

**Senior Year**

Dif. Equas. 331 . . . . .	5(5-0)	.....	.....
Physics 324 . . . . .	.....	3(3-0)	.....
*Teaching of Mathematics, Edu. 246 . . . . .	.....	.....	5(5-0)
*Observation and Practice Teaching,			
Edu. 251 . . . . .	.....	.....	5(5-0)
Electives			

**ELECTIVES**

In addition to minimum distribution requirements, a major and a minor, required of all, each student is permitted to elect such additional courses as will satisfy the graduation requirements, but in so doing he is urged to exercise the greatest care in order that his choice may add further to the integration and coordination of his program. All such electives must be made with the approval of the student's adviser.

### SUGGESTED ELECTIVES FOR TEACHERS IN RURAL HIGH SCHOOLS

Experience has shown that the successful teacher must be able to assume a more active leadership in his community. The high school teacher in the county or rural high school must be familiar with rural life and rural conditions.

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\*Required of those planning to teach.

Accordingly, the following list of courses which have been found most helpful to those who look forward to positions as teachers and leaders in small cities and rural communities is suggested. It has been so arranged as to permit students to meet all of the state certification requirements for any of the regular high school subjects, and at the same time, use their choice of electives in these fields.

Students may elect only such courses as they are interested in and can pursue with profit. All are of college level, given under regular college professors, and carry full college credit.

### Junior Year

#### *Fall*

- Dairy 111, Dairying
- A. H. 121, Disease of farm animals
- Art 324, History of Architecture  
(any quarter)
- B. A. 237, Prins. of Salesmanship
- Foods 231, Meal Planning

#### *Winter*

- Agr. 111, Nature of Soils
- B. A. 231, Prins. of Business
- Cloth. 212, Clothing budgets
- Poul. 111, Gen. Poultry Problems

#### *Spring*

- Hort. 111, Vegetables
- Hort. 122, Farm Beautification
- Econ. 246, Retailing
- H. E. 242, Child Care

### Senior Year

#### *Fall*

- I. A. 311, Elem. Woodworking
- I. A. 311, Elem Woodworking
- Cloth. 243, Millinery essentials

#### *Winter*

- Ec. 257, Real Estate
- A. H. 111, Farm Animals

#### *Spring*

- Hort. 121, Home Grown Fruits
- R. Eng. 130, Farm Buildings
- Foods 221, Buying and Preparation

## DESCRIPTION OF COURSES

### DEPARTMENT OF AGRICULTURAL SCIENCES

#### COURSES IN AGRONOMY

**111. Nature and Properties of Soils.** This course deals with the origin, formation and classification of soils and their chemical relationships, also the chemical, physical and biological properties, with reference to composition and plant relations of soils. The practical use of lime, fertilizers and other means of maintaining soil fertility is stressed.

Winter Quarter. Credit, 3(2-2).

**112. Soil Management.** This is a continuation of Agron. 111 and it deals with the methods of soil utilization, including the methods of fertilization of soils, the mixing and applying commercial plant foods, the use of green manure, stable manure, lime and the influence of crop rotation and fertilizer on the soils as shown by field tests and experiments.

Prerequisite: 111.

Spring Quarter. Credit, 3(2-2).

**121. Field and Forage Crops.** This course consists of a study of the main field and forage crops in North Carolina. It includes lectures and recitation together with appropriate laboratory exercises on these crops. Attention is paid in detail to the following phases of the subject: history, production, culture, harvesting, uses, state approved varieties.

Prerequisites: 111, 112.

Fall Quarter. Credit, 3(2-2).

**131. Tobacco.** This course includes lectures and recitations on the history, production, adaptation, type, varieties,

cultivation, harvesting, grading, marketing, diseases and control measures, based on North Carolina conditions.

Prerequisites : 111, 112.

Fall Quarter. Credit, 3(2-2).

132. This course includes lectures and recitations on the history, origin, production, adaptation, varieties, cultivation, harvesting and grading with some reference to marketing, diseases and control measures, rotation and the upkeep of soil fertility under long time cropping systems.

Prerequisites : 111, 112.

Spring Quarter. Credit, 3(2-2).

### COURSES IN ANIMAL HUSBANDRY

111. **Farm Animals.** This course covers the animals not generally included in other courses of the agricultural curriculum. Special attention is given to sheep, horses, mules, and beef cattle. The different breeds of the animals named, as well as their care and management will be considered.

Winter Quarter. Credit, 3(2-2).

121. **Diseases of Farm Animals.** This course deals in a general way with the following phases of animal diseases: causes, prevention, treatment, manner of spread; disinfectants and their application, general hygiene, stable sanitation and location of site, including drainage, will be given.

Prerequisite : 111.

Fall Quarter. Credit, 3(2-2).

123. **Animal Nutrition.** This is a study of the general principles of nutrition as applied to livestock, composition of feed stuffs, comparisons, use of feeding standards, calculating rations, methods of feeding for economical production.

Prerequisite : 111.

Winter Quarter. Credit, 3(2-2).

124. **Pork Production.** This course includes a study of practical hog raising, stressing such points as: breeds, breeding, selecting breeding stock, feeding, housing, diseases and pests.

Prerequisites : 121, 123.

Fall Quarter. Credit, 3(3-0).

**133. Animal Breeding.** This course shows the application of the principles of genetics to improvement of farm animals, and some of the methods and problems of the breeder. It also includes judging, selection of breeding stock, pedigree studies, important strains and families of animals.

Prerequisites: 111, 121.

Quarter to be arranged. Credit, 3(3-0).

### COURSES IN DAIRYING

**111. Principles of Dairying.** This course takes up secretion, composition, testing and separation of milk; the farm manufacture of cheese, butter and ice cream.

Fall Quarter. Credit, 5(3-4).

**131. Butter Manufacture.** This course comprises a study of farm separators, separating milk for butter making, starter making, pasteurization, cream ripening; manufacturing, judging and scoring butter.

Prerequisite: 111.

Fall Quarter. Credit, 5(3-4).

**132. Ice Cream Making.** This is a study of the manufacture of ice cream, sherbets and ices on a private or commercial scale; marketing, scoring and judging.

Prerequisite: 111.

Spring Quarter. Credit, 5(3-4).

**145. Commercial Dairying.** This is a course on the organization, construction and management of local dairy plants; sanitary production, inspection systems and marketing of milk.

Prerequisite: 111.

Spring Quarter. Credit, 4(2-4).

**146. Dairy Herd Management (formerly An. Hus. 145).** This is a course in feeding and management of the dairy herd. It includes a study of pedigrees, handling test cows, advanced registration, fitting cows for show and sale.

Prerequisite: 111.

Winter Quarter. Credit, 4(2-4).

**COURSES IN HORTICULTURE**

- 111. Vegetable Growing.** This is a study of the general principles involved in vegetable production. The student will be given an opportunity to carry out some of the principles taught through practical work in assigned plots of which they will have full charge. They will be expected to plan, plant and cultivate their plot.

Spring Quarter. Credit, 4(2-4).

- 121. Home Grown Fruits.** This course was designed for the purpose of interesting the students in the production of fruit for home consumption. Consideration is given to the general principles of fruit growing as locations, sites, soils, fruits and varieties, pruning and spraying, and the practices involved in orchard management, with some consideration to small fruits.

Spring Quarter. Credit, 3(2-2).

- 122. Home and Farm Beautification.** This course gives a general survey of the principles of the art of beautifying the home and farm grounds, designing and planning lawns, the planting, care and maintenance of plants for the farm and home grounds.

Spring Quarter. Credit, 4(2-4).

**COURSES IN POULTRY**

- 111. General Poultry Problems.** This is a general introductory course that is very practical for those who plan to raise or teach poultry. It is a course of great scope, touching such phases of the industry as: plant location, selection of site, plant equipment, feeds and feeding, flock care, culling, insects and diseases.

Winter Quarter. Credit, 3(2-2).

- 112. Poultry Plant Operation.** This course will stress economics in the operation of the poultry plant. Attention will be paid to such factors in economy as: the selection of equipment, use of equipment, making simple equipment, cost of equipment; feeding systems, compounding rations, utilizing home grown products in the ration with practical cost study problems. The students will set up a miniature model poultry plant.

Prerequisite: 111.

Spring Quarter. Credit, 3(2-2).

**131. Incubation and Brooding.** This course will include a brief consideration of the embryology of the chick, then a more detailed study of the theory and actual practice of incubator operation, studies in the construction and operation of different types of incubators and brooder stoves, also the chick, its care and management through the first four weeks.

Prerequisite: 111.

Winter Quarter. Credit, 3(2-2).

**133. Marketing Poultry Products.** This course gives the student theory and practice in classifying, candling, grading and preserving eggs; fattening chickens, killing and dressing, the baby chick business and market.

Prerequisites: 111, 131.

Winter Quarter. Credit, 3(2-2).

### COURSES IN RURAL ENGINEERING

**121. Farm Machinery.** This course includes a study of farm machinery, repair and upkeep, with special emphasis being placed on winter care. Demonstrations and tests are made with various implements with students performing the operations.

Winter Quarter. Credit, 3(2-2).

**122. Farm Shop Practice.** This is a practical farm shop course covering carpentry, leather work, and metal soldering. All practices will be based on what the farmer should do on the farm. This course is especially designed for students intending to teach vocational agriculture.

Prerequisite: 121.

Spring Quarter. Credit, 3(0-6).

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## DEPARTMENT OF ARCHITECTURE AND BUILDING

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### COURSES IN ARCHITECTURE AND BUILDING

**311, 312, 313. Elements of Architecture.** Drafting with lectures co-ordinated. Studies of the architectural elements, classic orders, etc. Instruction in lettering, use and care of instruments, drafting room practice, etc.

Credit, 3(0-6).

**321, 322, 323. Design.** Problems in architectural design and composition; rendering.

Prerequisite: 313. Credit, 5(1-8).

**324. Perspective.** Drafting, principles of Architectural perspective in parallel, angular, and aerial.

Prerequisite: M. E. 314.

Credit, 3(0-6).

**326. Foundations.** Preparation of building site. Methods of excavating. Estimating excavations. Methods of mixing and placing concrete; proportion of ingredients; concrete floors and walks. Making unit cost and quantity estimates from architects' plans and specifications.

Credit, 3(3-0).

**350. Electric Wiring.** Recitation and laboratory. Theory and practice on the installation of electrical service. Electrical wiring, knob and tube conduit work. Estimating.

Credit, 4(2-4).

**334, 335, 336. Design.** Laboratory work. A series of problems in Architectural composition and structural detail.

Prerequisites: 333, 339.

Credit, 6(0-12).

**3410, 3411, 3412. Design.** Laboratory work with individual criticism. Problems in architectural design and composition. Treatments of exteriors and interiors.

Prerequisite: 323.

Credit, 5(0-10).

**332, 333. Estimating.** Practical problems in taking off quantities and estimating.

Credit, 2(1-2) and 3(2-2).

**339, 3310, 3311. Working Drawings.** Analyzing and drawing of architectural and structural engineering details.

Credit, 3(0-6).

**345. Concrete Design.** Lecture and recitation. Theory and design of reinforced concrete as applied to columns, beams and slabs for commercial buildings.

Prerequisites: 339 and M. E. 338.

Credit, 4(2-4).

**346. Architectural Practice.** A study of architectural office and drafting room practice. Seminar.

Prerequisite: Eco. 238.

Credit, 2(2-0).

**347. Building Superintendence.** Technical knowledge, methods, personality, handling men, management, routing work, job records.

Credit, 3(3-0).

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## ART

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### GENERAL STATEMENT

Beginning with the fall term, 1930, students have had the opportunity of taking major courses in Art.

The purpose of the course as outlined is as follows:

- a. To discover and develop the latent talents of our students for artistic expression.
- b. To meet a growing demand for special trained art teachers in our public schools and colleges.
- c. To promote a fuller understanding of the importance of Art in our daily life and lay a foundation for careers as creative artists.

All students wishing to major in Art must pass a special examination or submit some of their art work for appraisal. Students in other departments desiring to take special work in Art may, by arrangement with instructor, take any of the courses listed under Art.

**Art 311, 312. Freehand.** Elementary considerations. Study of line, mass and proportion. Principles of construction lines as applied in the drawing of simple objects, still life groups and the antique. Simple outline, accenting, and shading, light and shade. Pencil and charcoal rendering—special needs of students of various departments.

Fall and Winter Quarters. Credit, 3(0-6).

**Art 313. Color.** This course aims to give a working knowledge of color both from the standpoint of its use and enjoyment; psychological significance; harmonies and contrasts; still life and landscape representation; decorative and realistic treatments. Medium water color.

Spring Quarter. Credit, 3(0-6).

**Art 314, 315, 316. Sketch and Design.** Sketching in pencil and charcoal to acquire facility in analyzing quickly the salient characteristics of subjects—alternating with design; study of the basic principles of decorative and applied design. Medium pen and ink and water color.

Fall, Winter and Spring Quarters. Credit, 2(0-4).

**Art 317, 318, 319. Composition.** Study of the principles involved in pictorial composition with definite application to commercial art; harmony building in dark and light; spotting accessories; figure composition; interiors and original picture making. A wide range of subjects are given to stimulate the imagination. Medium charcoal.

Fall, Winter and Spring Quarters. Credit, 1(0-2).

**Art 320. Perspective.** Series of problems presenting principles of freehand and perspective as applied in freehand drawing of objects; interiors and exteriors; linear, parallel, angular, and aerial perspective.

Credit, 1(0-2).

**Art 321, 322, 323. Commercial Art I.** Study of the utilization of art and art principles in industry. Art in advertising is studied through various types of advertising design. Pen and ink technique; exercises in the making of border designs; book plates, calendars, postcards; photograph enlarging. Study of artistic layouts. Considerable work with pen and ink illustration. Medium pen and ink, water color and wash.

Fall, Winter and Spring Quarters. Credit, 3(0-6).

**Art 326. Sketch and Design II.** Continuation of Art 316. Sketching from the draped model with special study of the handling of drapery; designs for textiles, panels, book-plates, etc. Special effort is made to recognize and develop the personal element that gives originality to the simplest designs. Much attention to color.

Spring Quarter. Credit, 2(0-4).

324, 325, 326. **History of Architecture.** Ancient, mediaeval, renaissance and modern architectural history covering three consecutive quarters.

Fall, Winter and Spring Quarters. Credit, 5(5-0) each.

**Art 327, 328, 329. Art Appreciation.** Study of the broad interpretation of art and artistic principles: Elements of beauty; sculpture of Egypt; the golden era of sculpture in Greece; renaissance sculpture in Italy; history of painting from the Italian primitives through the English school analysis and comparisons of the works of representative sculptors and painters.

Fall, Winter and Spring Quarters. Credit, 1(0-2).

**Art 3201. Costume Design.** Study of period costumes from the standpoint of the designer; analysis of the basic principles underlying the designing of costumes; line mass and color.

Spring Quarter. Credit, 1(0-2).

**Art 3202. Still Life.** Study of painting of still life groups in water color and oil, with special emphasis on technique and composition in light and dark.

Spring Quarter. Credit, 1(0-2).

**Art 3203. Lettering.** Study of alphabets and their use in commercial layouts. Considerable drill on the formation of good letters with both pen and brush.

Spring Quarter. Credit, 1(0-2).

**Art 331, 332. Advanced Freehand Drawing, Commercial Art II.** Intensive study of various mediums used in freehand drawing with emphasis on technique; advanced problems in color harmonies and contrasts as applied in the rendering of interiors and exteriors. Best illustrations and commercial designs are studied and reproduced; study of reproductive processes. Considerable work in figure drawing. Medium water color, wash; pen and ink and show card color.

Prerequisite: Art 321, 322, 323.

Fall, Winter and Spring Quarters. Credit, 3(0-6).

**Art 334, 335, 336. Portrait.** Drawing in charcoal and other mediums of the head from life; the bust and full length figures are studied and drawn with special emphasis placed on anatomical considerations, composition, technique, and expression.

Fall, Winter and Spring Quarters. Credit, 2(0-4).

**Art 337, 338, 339. Composition II.** Continuation of Art 319. Illustrating of assigned subjects to conform to compositional requirements. Subjects are taken from classic literature to develop the imagination, advanced considerations in creating good pictorial designs.

Fall, Winter and Spring Quarters, 1(0-2).

**Art 333. Anatomy.** Lectures supplemented by individual instruction are given on the structure of the human body with the aim of insuring a deeper study of the artistic anatomy and a correct rendering of the figure in repose and in action.

Winter Quarter. Credit, 1(0-2).

**Art 341, 342. Life Drawing.** Drawing of the full length figure from the live models—study of the figure with emphasis on modeling in light and dark.

Winter and Spring Quarters. Credit, 2(0-6).

**Art 343, 344, 345. Public School Art.** Such topics as object drawing, simple landscapes, poster design, color, animal, and figure work, and illustration adaptable to the grades are studied through special projects. Special attention is given to methods of presentation and correlation. Blackboard drawing with colored chalk.

Fall, Winter and Spring Quarters. Credit, 3(0-6).

**Art 347, 348, 349. Portrait II.** Continuation of Art 336. Drawing from the model with emphasis placed on composition and technique.

Fall, Winter and Spring Quarters. Credit, 2(0-4).

**Art 3401, 3402, 3403. Oil Painting.** Advance work in oil painting; portraits, landscapes, and figure compositions, with emphasis placed on composition and technique.

Fall, Winter and Spring Quarters. Credit, 3(0-6).

**Note:** Students in all departments may take as elective Art 311, 312, 313. Advance courses are open only to students majoring in art and other students who complete a year's work in art creditably.

### INDUSTRIAL ARTS

**311, 312, 313. Elementary Woodworking.** Care and use of tools; principles of planing, squaring and laying out work.  
Fall, Winter, Spring Quarters. Credit, 3(0-6) each.

**324. Materials of Construction in Industrial Arts.** This course takes up a detailed study of the characteristics of wood and other materials used in industrial arts shops.  
Spring Quarter. Credit, 3(3-0).

**325, 326, 327. Advanced Woodworking.** Care and use of power machinery; joinery and cabinet making.  
Fall, Winter, Spring Quarters. Credit, 3(0-6) each.

**331, 332, 333. Vocational Drawing.** Correlation between mechanical drawing and shop projects. Selection and detailed laying out of projects.  
Fall, Winter, Spring Quarters. Credit, 3(0-6) each.

**338, 339, 340. Upholstering, Wood Turning, Finishing.** Application of the principles of upholstering, wood turning and wood finishing through simple projects.  
Fall, Winter, Spring Quarters. Credit, 3(0-6) each.

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## DEPARTMENT OF BIOLOGICAL SCIENCES

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### COURSES IN BACTERIOLOGY

**121. General Bacteriology.** This is a course in the preparation of the usual culture media and the study of the morphological characteristics of typical bacteria. A study of the relation of bacteria to health of man, animals and plants is included.

Spring Quarter. Credit, 3(2-2).

**122. Agricultural Bacteriology.** This course aims to give the student a knowledge of the biological changes which are produced in both animal and plant products, emphasis being placed on bacterial activities in the soil and dairy products.

Prerequisite: 121.

Quarter to be arranged. Credit 5(3-4).

### COURSES IN ZOOLOGY

**111. General Zoology.** This course deals with the morphology, physiology, and taxonomy of the essential types of organic life in the animal kingdom. The characteristic differences in the development from protozoa through metazoa is emphasized. Discussion of the various theories advanced in an attempt to explain evolution is carried on. Laboratory work will supplement the lecture and class discussions.

Fall Quarter. Credit, 4(3-2).

**121. Comparative Anatomy and Physiology.** The lectures on descriptive anatomy will cover the fundamental points from the preparatory point of view and will be illustrated by drawings, plates, models, the skeleton and dissection. A special consideration will be given to the various phases of anatomy, with stress upon osteology, myology, neurology, and splanchnology. One half of the quarter will be devoted to the study of anatomy. The course in physiology comprises demonstrations, lectures, recitation and experimental work. A study of the functions, organs and systems of organs will be duly emphasized. The arrangement of the course is as follows: Physiology of Muscle and Nerve; Physiology of the Blood; Physiology of Digestion, Secretion and Nutrition; Physiology of the Integumentary System.

Winter Quarter. Credit, 3(2-2).

**122. School and Community Hygiene.** This course will deal with the various sanitary measures employed today in reducing to a minimum the activities of pathogenic organisms. An effort will be made to develop wholesome habits and attitudes, as well as to impart knowledge of how to prevent infection.

Winter Quarter. Credit, 3(3-0).

\*123. **Embryology.** This course takes up the development, principles and processes of embryology using vertebrate embryos. Germ cell origin, and structure, maturation, fertilization, cleavage, differentiation, tissue formation, organogeny.

Prerequisite: 111.

Spring Quarter. Credit, 3(2-2).

131. **Economic Entomology.** This course takes up the identification, life history, habits and methods of controlling insects of economic importance to the farm and home. Laboratory work will also include identification, collecting, mounting and preserving insects studied.

Spring Quarter. Credit, 3(2-2).

\*132. **Histology.** This course will consist of lectures upon normal cell tissues and organs of the body of animals. The laboratory work will consist of demonstrations by the instructor, practical laboratory technique and the microscopic study of normal and abnormal cells and tissues.

Winter Quarter. Credit, 3(2-2).

134. **Genetics and Evolution.** This is an introduction to the study of variation, selection and inheritance in animals. Human heredity will be considered.

Fall Quarter. Credit, 3(3-0).

### COURSES IN BOTANY

111. **General Botany.** This course is designed for two types of students, Agricultural and General Science. It is intended to give the fundamental facts, functions and principles of plant life. The laboratory includes a study of forms, structures, and methods of reproduction of representatives of the various groups of plants, with some attention to general life processes in higher plants and their relation to scientific agriculture.

Winter Quarter. Credit, 3(2-2).

112. **Advanced Botany.** This course is a continuation of Bot. 111.

Prerequisite: 111.

Spring Quarter. Credit, 3(2-2).

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\*Given in alternate years. Not given 1934-35.

**121. Plant Physiology.** The plant is considered from the standpoint of activities; absorption, and transportation of raw materials, manufacture, storage of food, growth and movement in response to stimuli.

Prerequisite: 111.

Spring Quarter. Credit, 3(2-2).

**123. Plant Diseases.** This course takes into consideration the most important diseases of the important southern crops. It is designed to give an understanding of the symptoms, the causal organism, and control measures.

Prerequisites: 111, 121.

Winter Quarter. Credit, 3( 2-2).

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## DEPARTMENT OF BUSINESS AND ECONOMICS

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### COURSES IN SECRETARIAL SCIENCE

#### Certificate in Secretarial Science

This course is designed for those who have been graduated from an accredited high school and cannot devote more than two years to college work, but who wish to equip themselves for efficient service as confidential secretaries. Upon the satisfactory completion of this course a certificate is awarded.

Persons with a college degree or two years accredited teaching experience, and graduate from a standard high school may spend one year and fulfill the requirement for certificate in Secretarial Science.

**212. Secretarial Studies.** This course deals with the qualifications, duties, responsibilities and work of a secretary. The other points considered are: Managing callers, handling correspondence, locating sources of information, making appointments, and other routine and special duties in systematizing the office.

Spring Quarter. Credit, 3(1-4).

**214. Shorthand.** The course includes a study of word building and the general principles outlined in the Gregg short-

hand manual and speed studies. The first five lessons are thoroughly mastered during this quarter.

Fall Quarter. Credit, 5(5-0).

215. **Shorthand.** This course is a continuation of 214 and with added emphasis on transcription of simple letters and documents.

Prerequisite : 214.

Winter Quarter. Credit, 5(5-0).

216. **Shorthand.** The principles are concluded early in this course and emphasis is placed on difficult dictation, speed test and reporting speeches.

Prerequisite : 215.

Spring Quarter. Credit, 5(5-0).

217. **Typewriting.** The typewriting course covers a working knowledge of the use of all parts of the typewriter, a thorough command of the keyboard by means of the touch system, rhythmic drills, practice in writing words, etc.

Any Quarter. Credit, 2.5(0-5).

218. **Typewriting.** This course is concerned with tests and drills for speed and accuracy in the transcription of easy material from printed matter and shorthand notes.

Prerequisite : 217.

Winter Quarter. Credit, 2.5(0-5).

219. **Typewriting.** Technical typewriting is emphasized in this course by allowing the student to spend most of his time on tabulation, stencil cutting, report-making and other practical duties.

Prerequisite : 218.

Winter Quarter. Credit, 2.5(0-5).

221. **Office Training.** This is a training course in office appliances commonly used in the modern office, such as adding machine, mimeograph, filing equipment, etc. Students will be required to do practice work in the offices and plants in and around Greensboro. A study is also made of the executive work connected with offices of many types. Two hours each week are devoted to discussion of the various problems found in these offices.

Fall, Winter or Spring Quarter. Credit, 5(1-8).

(Work may be taken during any quarter at the discretion of the instructor.)

**222. Advanced Stenography.** Advanced stenography is a view of the principles and practices of shorthand and typewriting for the purpose of developing speed. Emphasis is put on the details of report-making, taking dictation from speakers and other specialized fields of shorthand and typewriting. Open to all persons who have had Gregg shorthand.

Winter Quarter. Credit, 5(5-0).

### COURSES IN BUSINESS ADMINISTRATION

**231. Principles of Business.** This course is designed to make the student acquainted with the whole field of business. Principles of Business offers a thorough background in the fundamentals of business organizations, management and finance. Each department of business—accounting, selling, credit, banking and forecasting—is concisely, yet comprehensively treated.

Credits, 5(5-0).

**232. Bookkeeping and Accounting.** This course is specially designed to serve as an introduction to the fundamental principles of bookkeeping and accounting for students in the Agricultural and Technical Departments as well as for those in the Department of Economics and Business Administration. In this course a thorough study is made of the theory of accounts, principles of debit and credit, special journals and ledger operations, adjustments, financial statements and the handling of different classes of commercial paper.

Credit, 5(5-0).

**233. Accounting.** This course presents the underlying principles of accounting as it is practiced in the business world. It deals chiefly with corporation accounting and accounting systems. This is followed by a discussion of the principles underlying accounting valuation and interpretation. The uses to which accounting data are to be put are emphasized at every step.

Prerequisite: B. A. 232.

Spring Quarter. Credit, 5(5-0).

**235. Commercial Law.** Sales of personal property, bailments, common carriers, agency, master and servant, partnership, contracts, and general law.

Winter Quarter. Credit, 3(3-0).

236. **Commercial Law** (formerly **Economics 239**). Corporation, insurance, wills, estates in land, landlord and tenant, guaranteed surety.

Spring Quarter. Credit, 3 (3-0).

237. **Principles of Salesmanship.** This course is based upon actual experience of men successful in the field of salesmanship. It develops the subject from sound economics, philosophical and psychological points of view. Economics of salesmanship are presented so that the student may see where the work performed is justifiable and necessary in the economic regime. The course includes psychology so that the student may more readily adjust himself to actual sales conditions and learn why some men and ideas succeed while others fail.

Fall Quarter. Credit, 5 (5-0).

239. **Business Correspondence.** This course makes a thorough and practical analysis of all forms of business letters and gives constructive information on how to write letters that convince, whether they be sales letters, follow-up letters, form letters, complaint, collection or application letters. This course is required of all students in Business Administration and Secretarial Science.

Spring Quarter. Credit, 5 (5-0).

### COURSES IN ECONOMICS

231. **Principles of Economics.** This course begins with a study of such as: The nature and scope of economics, characteristics of the present society, and ends with a consideration of the economic development of the United States.

Fall Quarter. Credit, 5 (5-0).

232. **Economic Problems.** This course is concerned with the important economic problems found in our productive and consumptive processes, commerce, market prices, variations and adjustments in business, forms of business organization, labor, capital, banking, public ownership and other related topics.

Winter Quarter. Credit, 5 (5-0).

**233. Money and Banking.** This course includes a general survey of the field of money, banking and credit; monetary standards, inflation, deflation, international trade and purchasing power; recent federal monetary policy.

Spring Quarter. Credit, 5(5-0).

**244. Principles of Marketing.** In this course the following points are analyzed: The marketing of farm products, manufactured goods and raw materials, the position and function of various types of middle men, insurance, transportation and storage. Much consideration is given to the selection of markets through market analysis. The course concludes with serious discussions of the popular proposal to eliminate middlemen, the nature and function of public markets, the ideals of co-operative marketing, and advantages and disadvantages of government participation in marketing activities.

Fall Quarter. Credit, 5(5-0).

**245. Marketing Farm Products.** This course covers the fundamentals of the science of marketing as it applies to farm products.

Winter Quarter. Credit, 5(5-0).

**246. Principles of Retailing.** This course aims to cover the high points in the retail process of marketing as it is applied especially to the small independent store. Modern grocery and other smaller stores will be used as examples. Detailed studies will be made of store management, finance and control, and marketing.

Winter Quarter. Credit, 5(5-0).

**254. Elements of Statistical Method.** A course intended to acquaint students with the elementary principles of statistics. The source and collection of data, the nature of statistical units; the properties and appropriate use of averages; methods of comparison; the tabular and graphic presentation of statistical information necessary to the formulation and execution of business and economic problems will be had through use of appropriate data.

Fall Quarter. Credit, 4(2-4).

**256. Insurance.** This course is a survey in a general way of the whole field of insurance. It deals with the nature and statistical basis of different kinds of insurance as: Prop-

erty insurance, straight life, endowment, accident, industrial, old age, fire, livestock, etc. The function of publicity and the needs for educating the public in the principles and services of insurance receives much attention.

Spring Quarter. Credit, 3(3-0).

- 257. Principles of Real Estate.** This course deals with the problems of real estate as follows: Real estate as a profession, classes of property—suburban, apartment, industrial, farm and resort—rentals, leasing, the work of the broker, property management and financing.

Fall Quarter. Credit, 3(3-0).

- 271. Agricultural Economics.** A general course taking up economics and social problems of agriculture; importance of agriculture in the United States, demand and supply; labor, machinery, equipment, rural credits, transportation problems, price fluctuations, speculation, land tenure, rent and systems of renting, county agent and farm bureau, state aid, taxation, protective tariff, foreign competition, principles of marketing, and the world's food supply.

Fall Quarter. Credit, 5(5-0).

- 273. Farm Management.** A study of the principles involved in the choice of a proper type of farm; comparative merits of intensive and extensive farming; relation of livestock to farm management; size of farms and the amount of capital in relation to profits; labor in relationship to profits; labor in relationship to machinery; and the layout of fields and buildings.

Prerequisites: 231, 271.

Spring Quarter. Credit, 5(5-0).

#### DEPARTMENT OF CHEMISTRY

- 111. General Chemistry.** A course covering the fundamental principles of chemistry, the properties, reactions, and uses of the various metallic elements and their compounds. Lectures, Demonstration, and Laboratory.

Fall and Winter Quarters. Credit, 5(3-4).

**112. General Chemistry.** A completion course in general chemistry, with a detailed study of the metals and their compounds. Lectures, Demonstration, Laboratory.

Prerequisite: Chemistry 111.

Winter and Spring Quarters. Credit, 5(3-4).

**113. Qualitative Analysis.** This course is an intensive course dealing with the fundamental principles of analysis. It develops the power for the student to form decisions based upon experimental results. Preliminary experiments are introduced to illustrate chemical principles and to give practice in equation writing. The students are required to analyze unknown products, slags, and alloys.

Prerequisites: Chem. 111, 112.

Fall and Spring Quarters. Credit, 5(2-6).

**122. Organic Chemistry.** A course dealing with the chemistry of the carbon compounds. Special emphasis is laid upon the relationship existing between the various groups, and upon methods of organic synthesis.

Prerequisites: 111, 112, 113.

Fall Quarter. Credit, 5(3-4).

**123. Organic Chemistry.** A continuation of Chemistry 122, covering such compounds as the ring structure or aromatic compounds. Lectures and Laboratory.

Prerequisite: Chem. 122.

Winter Quarter. Credit, 5(2-6).

**124. Advanced Organic Chemistry.** Lectures on the applications and limitations of organic reactions, with special reference to synthesis.

Prerequisites: Chem. 122, 123.

Fall and Spring Quarters. Credit, 5(2-6).

**125. Advanced Organic Chemistry.** A continuation of Chemistry 124.

Prerequisite: Chem. 124.

Winter Quarter. Credit, 5(2-6).

**131. Quantitative Analysis.** A course dealing with Gravimetric Methods of Analysis. Special emphasis is laid upon the physico-chemical principles upon which the success of the determination depends.

Prerequisite: Chem. 113.

Fall and Winter Quarters. Credit, 5(2-6).

**132. Quantitative Analysis.** A continuation of Chemistry 131, dealing with Volumetric Methods of Analysis. Lectures and Laboratory.

Prerequisite: Chem. 131.

Winter Quarter. Credit, 5(2-6).

**133. Qualitative Organic Analysis.** A lecture and laboratory course dealing with the classification, reactions, and identification of organic compounds.

Prerequisites: Chem. 124, 125.

Spring Quarter. Credit, 3(1-4).

**145. Industrial Chemistry.** This course deals with the principal problems of various important industries. Lectures.

Prerequisite: 123.

Spring Quarter. Credit, 3(3-0).

### COMMERCIAL INDUSTRIES

**C. I. 324. Industrial Hygiene.** The effect of shop sanitation and of hygiene on the economics of industry; ventilation and illumination; occupational employment of women; child labor; accident prevention; fatigue in industry and the effect of other factors upon industrial efficiency.

**C. I. 347. Industrial Relations.** Describes the major industrial problems of the construction industries which have evolved from the industrial revolution and increased specialization. Shows how man's progress in industry is being measured more and more by his ability to control his industrial environment.

**C. I. 346. Principles of Foremanship.** Shows the place of the foreman in industry, his relationship between worker and manager, and the more recent principles and practices for developing better foremen.

**C. I. 348, 349. Cooperative Industrial Extension.** The placing of students as far as possible on practical jobs with the aim of better coordinating theory with practice.

**C. I. 344a, 344b, 344c, 344d. Estimating.** Estimating as applied to the respective fields of interest.

**DEPARTMENT OF EDUCATION**

- 211. Orientation.** This course is designed to give the student an insight into college life. The course consists of lectures and discussions relating to the problems of the college student. Suggestions are given as to methods of studying, note taking, extra curricula activities, use of the library, choosing courses of study to meet the requirements of various vocations, etc.

Fall Quarter. Credit, 1(1-0).

- 212. Occupations.** This course aims to help the individual student find his place in the world of occupations. An effort is made to broaden the student's outlook before he becomes a part of the occupational world. A study is made of the various industries and occupations; Government service, commercial occupations, earth occupations—agriculture, mining, etc.; transportation; banking, etc. The professions—law, medicine, teaching, social service, engineering, etc. Personal service and professions for entertainment, dressmaking, tailoring, hotel and restaurant musicians, artists, actors, etc. Special attention is given to the personal qualifications and opportunities for the various occupations.

Winter Quarter. Credit, 1(1-0).

- 213. Occupations.** This course is a continuation of 212.  
Spring Quarter. Credit, 1(1-0).

- 221. General Psychology.** An introduction to psychological terms, principles and facts. What psychology is and does. A study of reactions and tendencies to reaction; Native and Acquired Traits, Instincts, Emotions, Feelings, Sensation.

Fall Quarter. Credit, 4(4-0).

- 224. Educational Theories.** An examination of some of the underlying concepts upon which our training, and social, civic, economic and moral education are based.

Winter Quarter. Credit, 5(5-0).

- 231. Educational Psychology.** This course is devoted to a study of native and acquired traits and capacities of children; the learning process; individual differences; general laws and conditions of learning; and the results of investi-

gations relative to the progress of learning in the school subjects.

Prerequisites: Education 221 and 222.

Spring and Summer Quarter. Credit, 5(5-0).

**236. Tests and Measurements.** Principles of testing; aims and objectives; achievement tests; mentality tests; aptitude tests; teachers' marks; methods of content examination; use of tests. Required of all planning to teach.

Prerequisite: 232.

Spring Quarter. Credit, 3(3-0).

**237. Problems in Secondary Education.** The scope and function of the High School and its relation to the elementary school and college; the high school pupil; high school curriculum; high school teacher; guidance; teaching loads; professional ethics; extra-curricula activities. Required of all who plan to teach.

Fall and Summer Quarters. Credit, 5(5-0).

**238. Problems in Secondary Education.** This course is a continuation of Education 237.

Winter and Summer Quarters. Credit, 3(3-0).

**243. Teaching of English.** This course is a study of the special problems which confront the teacher of English in the high school. Open only to seniors. Required of those planning to teach English.

Prerequisites: English 211, 212 and 223 or equivalent.

Winter Quarter. Credit, 5(5-0).

**244. The Teaching of Chemistry.** This course deals with the problems that confront the teacher of Chemistry in the high school. Special attention is given to such problems as the planning of laboratories, purchase of supplies, and subject matter of the high school course. Required of those planning to teach the subject.

Prerequisites: Acceptable courses in general analytical and organic chemistry.

Winter Quarter. Credit, 5(5-0).

**245. The Teaching of History.** A course dealing with a study of the methods of teaching history in high school. Special attention will be given to such problems as the

organization of material, class room equipment, etc. Open to seniors. Required of those planning to teach social Sciences.

Prerequisite: Five quarters of European and American History.

Winter Quarter. Credit, 5(5-0).

**246. The Teaching of Mathematics.** A course which deals with the evaluation of subject matter, modes, methods, and objectives in the teaching of Mathematics in the Junior and Senior high school. Required of those planning to teach the subject.

Prerequisite: Three quarters in Mathematics.

Winter Quarter. Credit, 5(5-0).

**247. The Teaching of French.** This course is devoted to a study of the problems and difficulties experienced in teaching Foreign Languages. Special attention is given to the matter of class room aids, equipment, etc. Required of those students planning to teach Language.

Prerequisite: Three quarters of College French.

Winter Quarter. Credit, 5(5-0).

**248. The Teaching of German.** A critical study of contemporary methods of teaching the Germanic languages. Required of those planning to teach German.

Prerequisite: Three quarters in German.

Credit, 5(5-0).

**249. The Teaching of Science.** A study of the present methods of teaching such courses as Physics and Chemistry and General Science in the high school. Special attention will be given to the equipment of laboratory, etc. Required of those planning to teach in the field.

Prerequisite: Five quarters in the Natural Sciences. Credit, 5(5-0).

**250. Problems of the Commercial Teacher.** Organization, preparation and care of materials, followed by an analysis of the methods of procedure, standards and objectives of the teacher of commercial subjects in high school.

Winter Quarter. Credit, 5(5-0).

**251. Observation and Practice Teaching.** All students planning to teach are required to spend at least thirty hours in practice teaching in a secondary school.

Spring Quarter. Credit, 5(1-8).

**252. Methods of Teaching Home Economics.** A study of the definite aims in home economics. Objectives for the course in public schools with methods of presenting problems.

Winter Quarter. Credit, 5(5-0).

**253. Supervised Practice Teaching.** A practical application of the methods of teaching home economics. Lesson plans and observation reports required.

Spring Quarter. Credit, 5(5-0).

**271, 272, 273. Materials and Methods of Teaching Vocational Agriculture.** The following topics are considered: The Smith-Hughes Act; the Agricultural curriculum; seasonal sequence of topics; lesson plans; supervised study; laboratory work; field trips; room and equipment; supervised practice; organizing and conducting short unit, part-time evening and all-day classes; conducting farm shop practice; making community surveys; making annual plans and program of work.

(This course will extend throughout the year in order that the student may get experience in all kinds of patterns.)

Fall, Winter and Spring Quarters. Credit, 3(3-0); 2(2-0); 1(1-0).

**274, 275, 276. Observation and Directed Practice Teaching in Vocational Agriculture.** This course is to be taken simultaneously with courses 271, 273. Students are expected to do directed teaching in approved schools. Trainee will have opportunity to meet, under natural conditions, as many situations as possible.

Prerequisite: All work below Senior year.

Fall, Winter and Spring Quarters. Credit, 2(0-4); 3(0-6); 1(0-2).

**278. Extension Service.** A study of the development of the Agricultural Extension Service in the United States, with special reference to the status of this service among the

Negroes in the Southern States; also a study of the rules, regulations and special methods relative to this work in North Carolina.

Prerequisite: All work below Senior Year.

Fall Quarter. Credit, 5(5-0).

**279. Practice in Extension Service.** This course follows Education 278 and gives the trainee an opportunity to practice some of the special methods considered in the previous course.

Prerequisite: 278.

Winter Quarter. Credit, 5(0-10).

**332. Trade Analysis.** This course gives the student a knowledge of organizing trades and industrial arts courses. Emphasis is put on the selection of a line of useful and practical projects and the grouping of these projects in the order of their learning difficulties.

Fall Quarter. Credit, 3(3-0).

**333. Materials, Equipment and Shop Records.** The problems of equipping and arranging trades and industrial arts shops, and the care of materials, tools, safety first, and records, are discussed.

Spring Quarter. Credit, 3(3-0).

**341. Vocational Guidance.** The problem of vocational guidance, its beginning, organization and administration in high schools. Special attention will be given to guidance in the Junior and Senior high school as it relates to the work of Industrial Arts.

Winter Quarter. Credit, 3(3-0).

**343. Methods of Teaching Shop and Related Subjects.** Fundamental factors in teaching, agencies of education, class room management, selection of problems and projects, job sheets and lesson plans.

Winter Quarter. Credit, 3(3-0).

**345. Observation and Practice Teaching.** Opportunity for observation and practice teaching will be provided. Trades and Industrial Arts teachers may acquire experience in lesson planning and teaching under the direction of the teacher-training.

Spring Quarter. Credit, 5(5-0).

**ELECTRICAL ENGINEERING COURSES**

331. **Direct Current Apparatus.** A study of direct current principles, and of the theory, construction and operation of generators, motors and measuring instruments.  
Fall Quarter. Credit, 5(3-4).
332. Continuation of 331.  
Winter Quarter. Credit, 5(3-4).
333. **Alternating Current Circuits.** A study of resistance, inductance, capacitance, reactance, impedance, series and parallel circuits, power, power factor, polyphase systems, complex notation, symmetrical components, motors and generators.  
Spring Quarter. Credit, 5(3-4).
- 334, 335. **Electrical Measurements.** Study of Instruments and Measuring Apparatus.  
Fall and Winter Quarters. Credit, 5(3-4).
345. **Generating Stations.** Theory, operating characteristics, and applications of direct and alternating current motors, generators and other apparatus.  
Fall Quarter. Credit, 3(3-0).
346. **Communication.** Telephony and telegraphy; filters, inductive interference, bridge circuits, theory of propagation of waves over long circuits.  
Fall Quarter. Credit, 5(3-4).
347. **Communication.** Automatic telephony; coupled circuits, impedance networks, use of vacuum tube as oscillators, amplifiers and detectors at medium and high frequencies.  
Winter Quarter. Credit, 5(3-4).
348. **Communication.** Continuance of 347, with practical applications.  
Spring Quarter. Credit, 5(3-4).
350. **Industrial Motor Control.** A study of manual and automatic control with a detail investigation of associated apparatus and wiring diagrams.  
Winter Quarter. Credit, 3(3-0).

351. **Power Transmission.** A study of power distribution, wiring for lighting and substation feeder systems.  
Spring Quarter. Credit, 3(3-0).
352. **Storage Batteries.** A study of the operating characteristics and engineering applications of secondary cells.  
Winter Quarter. Credit, 3(3-0).
353. **Electric Railways.** Operating characteristics and principles of electric railways.  
Spring Quarter. Credit, 3(3-0).
354. **Radio Circuits.** A study of receiving and transmitting and receiving apparatus, and their practical applications.  
Winter Quarter. Credit, 5(3-4).
355. **Alternating Current Apparatus.** Theory of transformers, induction motors, and associated apparatus.  
Fall Quarter. Credit, 3(3-0).
356. **Alternating Current Apparatus.** Continuation of 355.  
Winter Quarter. Credit, 3(3-0).

#### DEPARTMENT OF ENGLISH LANGUAGE AND LITERATURE

211. **English Composition.** (Required of all Freshmen.) Review of the principles of Grammar and Syntax, Punctuation and Spelling. Frequent oral and written exercises, theme, and letter writing. Constant drill in the rudiments of English Composition.  
Any Quarter. Credit, 5(5-0).
212. **English Composition.** (Required of all Freshmen.) Analytical study of the principles of structure and style in the whole composition, the paragraph, and the sentence. Exposition and Argument; Descriptive and Narrative writing. Frequent themes and analysis of specimens of prose composition.  
Any Quarter. Credit, 5(5-0).
215. **Negro Literature.** A survey of important Negro writers and their place in modern American literature. The

work of the course consists of readings, reports, oral and written, and one special topic.

Spring Quarter. Credit, 3(3-0).

220. **American Literature.** Reading in early American Literature. Manifestations of Puritanism and incipient Romanticism as revealed in the works of representative authors.

Winter Quarter. Credit, 5(5-0).

221. **American Literature.** Continuation of 220. An examination will be made of the more important phenomena of Romanticism that were developed by American writers during the nineteenth century. Lectures, assigned readings, reports on special topics, and the independent investigation of romantic and realistic tendencies in recent and contemporary literature.

Spring Quarter. Credit, 5(5-0).

222. **Development of English Literature.** Reading in English Literature from the beginnings to 1700. Study of the growth of ideas and institutions, of the types of literature, and of the great personalities who have contributed most to our literature. Lectures. Reports.

Fall Quarter. Credit, 5(5-0).

223. **Development of English Literature.** Continuation of 221. English Literature from 1700 to the twentieth century. Lectures. Reports.

Winter Quarter. Credit, 5(5-0).

231. **Journalism.** Theoretical and practical work in recognizing, gathering, and writing news. While primary attention is given to the development of journalistic technique, there is considerable drill on the fundamental principles of composition, and, in general, all written work is rewritten after detailed criticism by the instructor.

Fall Quarter. Credit, 5(5-0).

- \*232. **Principles and Practice of Public Speaking.** The methods of securing the attention and maintaining the interest of an audience. Practice in the application of principles and methods to simple exposition and argumentation.

Fall Quarter. Credit, 3(3-0).

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\*Offered in alternate years. Not offered 1934-35.

**233. Dramatics.** A course in acting, playwriting, and dramatic production, with some attention given to the history of the drama. The presentation of dramatic programs and selected plays required.

Winter Quarter. Credit, 5(5-0).

**\*234. Shakespeare.** A detailed study of Macbeth, Henry IV, Part I, and King Lear. Richard II, Henry IV, Part II, Julius Caesar, and *All's Well that Ends Well* to be read outside of class. Shakespearean criticism, memory passages, and a report on special topic.

Spring Quarter. Credit, 5(5-0).

**235. Chaucer.** Introduction to Middle English literature. Most of the Canterbury Tales will be read in class. Lectures; outside reading; reports.

Winter Quarter. Credit, 3(3-0).

**236. Argumentation and Debating** (formerly English 213). A specific thorough study of the principles of Argumentation. Briefs on several questions are constructed, at least one complete argument on a carefully chosen question is required, and several informal arguments are written. Discussions, lectures, and class debates designed to emphasize the phrasing and analysis of the proposition, methods of refutation and platform decorum.

Winter Quarter. Credit, 5(5-0).

**\*238. Milton.** A detailed study of Milton's English poems with special attention given to Paradise Lost. Also a study of his important prose. Lectures, assigned reading, memory passages, and a report on a special topic.

Spring Quarter. Credit, 3(3-0).

**241. Eighteenth Century Literature.** Readings in the poetry and prose of Neo-Classicism and the Enlightenment. Lectures. Reports.

Fall Quarter. Credit, 3(3-0).

**242. The Romantic Era.** The principles and ideas of Romanticism as expressed in the works of the principal English writers of poetry and prose from 1798 to 1823. Term report.

Winter Quarter. Credit, 3(3-0).

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\*Offered in alternate years. Not offered 1934-35.

243. **The Victorian Era.** Readings in the works of the principal English writers of the Victorian Age. Term report. Spring Quarter. Credit, 3(3-0).

\*244. **Advanced Composition.** Open to all upperclassmen. A review of Freshman English, but with some attention given to an appreciation of literature and of the principles of style proper. Fall Quarter. Credit, 5(5-0).

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## DEPARTMENT OF FOREIGN LANGUAGE

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### COURSES IN FRENCH

211. **Elementary French.** French Grammar, translation and composition for beginners and students who do not present credit for two years of high school French. Not open to students who present two units of high school French.

Fall Quarter. Credit, 5(5-0).

212. **French Grammar.** A continuation of French 211. Not open to students who present two units of high school French.

Winter Quarter. Credit, 5(5-0).

213. **Reading and Composition.** Oral and written composition supplemented by reading from standard authors.

Spring Quarter. Credit, 5(5-0).

214. **Intermediate French.** Advanced French Grammar and translation. This course is open to students who have passed in courses 211 and 212 or who have successfully done two years of high school French.

Fall Quarter. Credit, 5(5-0).

215. **Intermediate French.** Rapid reading of modern French literature.

Winter Quarter. Credit, 5(5-0).

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\*Given in alternate years. Not given 1934-35.

- 216. Intermediate French.** French prose and poetry. Reading, lectures and explanation of texts. This course is offered to give the student a general view of French literature from the seventeenth century to the present day.  
Spring Quarter. Credit, 5(5-0).
- 221. Advanced French.** Practice in reading, writing and speaking French. Abstracts in French, both oral and written, of works read outside of the class room. Introduction to systems of phonetics. Especially designed for those intending to teach the language.  
Prerequisite: Three Quarters of College French.  
Fall Quarter. Credit, 3(3-0).
- 222. Advanced French.** A careful and complete survey of the fundamental principles of French Grammar, with consideration of difficult points of syntax, discussion of text books and methods. Primarily for those intending to teach the language.  
Prerequisite: Four Quarters of College French.  
Winter Quarter. Credit, 3(3-0).
- 223. Advanced French.** Continuation of French 222.  
Spring Quarter. Credit, 3(3-0).
- \***231. French Literature.** A rapid survey of French literature from the beginning to the eighteenth century. Reading, translation, lectures, discussions and reports.  
Fall Quarter. Credit, 3(3-0).
- \***232. Eighteenth Century Literature.** The economic, social and literary aspects of France in eighteenth century, with special reference to the works of Diderot, Montesquieu, Voltaire and Rousseau. Reading and translations.  
Winter Quarter. Credit, 3(3-0).
- \***233. Contemporary French Civilization.** Discussions, readings and reports in French on present day social, economic and political conditions in France.  
Spring Quarter. Credit, 3(3-0).
- 245. French Seminar.** Open, with approval of instructor, to seniors with a major in French.  
Credit, 3(0-6).

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\*Offered in alternate years. Not offered 1934-35.

**COURSES IN GERMAN**

**211, 212, 213. Elementary German.** Careful drill upon pronunciation. The memorization and frequent repetition of easy colloquial sentences. Drill upon the rudiments of grammar, that is, upon the inflection of the articles, of such nouns as belong to the language of everyday life, or adjectives, pronouns, weak verbs and the more usual strong verbs; also upon the use of the more common prepositions, the simple uses of the model auxiliaries, and the elementary rules of syntax and word-order.

Fall, Winter, and Spring Quarters.

Credit, 5(5-0) each Quarter.

**COURSES IN SPANISH**

**\*211, 212, 213. Elementary Spanish.** The Spanish Grammar. Drill in the use of forms, word order, and idioms. A thorough foundation will be emphasized. Special emphasis placed on the use of idioms. The use of the subjunctive, and preparation of the student for the spoken language.

Fall, Winter, and Spring Quarters. Credit, 5(5-0) each Quarter.

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**DEPARTMENT OF SOCIAL SCIENCES**

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**COURSES IN HISTORY**

**211, 212. Modern European History.** This course is a survey of the principal factors in the history of modern Europe. Economic, social, political, religious and intellectual movements are studied in reference to their relations to the development of national states and the growth of democracy and the expansion of Europe. Emphasis is laid on international relationship and on events culminating in the Great War. Lectures, collateral readings, special reports and map work.

Fall and Winter Quarters. 5(5-0) each Quarter.

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\*Offered in alternate years. Not offered 1934-35.

**213. History of the Negro.** This course opens with a brief survey of the African background of the Negro and traces him from Africa to America. It includes a study of his enslavement, with special emphasis on slavery in America, his life on the plantation, the Free Negro before 1860, abolition, and the Civil War with special emphasis on the part played by Negro troops, achievements since 1865, forces in Negro progress, some problems of the Negro, the part played by him in the World War. Special phases of the Negro are studied together with the forces that are operating to unite the race. Woodson, *The Negro in Our History*, is used as the basis of the course and is supplemented by lectures, collateral readings, examination of sources, preparation of bibliographies, the presentation of papers.

Spring Quarter. Credit, 5(5-0).

**221, 222.** A general survey of the political, social, and economic history of the United States from 1492 to 1828 and from 1828 to 1925.

Fall and Winter Quarters. Credit, 5(5-0) each quarter.

**231. Ancient History.** This course is designed for those majoring in the field or who plan to teach History in secondary schools. It includes a study of the civilizations and contributions of the people of the Orient along the Nile and of Greece and Rome.

Fall Quarter. Credit, 5(5-0).

**232. Mediaeval History.** A history of the middle ages with particular attention to social and economic conditions and cultural and religious development.

Winter Quarter. Credit, 5(5-0).

**\*233. History of Latin America.** A study of the rise and development of the Latin American nations, with special attention to their relations with each other and with the outside world.

Spring Quarter. Credit, 3(3-0).

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\*Given in alternate years. Not given 1934-35.

**COURSES IN POLITICAL SCIENCE**

231. **Federal Government.** A general introductory course in the government of the United States to acquaint the student with the more important facts of the organization and working of Federal institutions and to give a foundation for more advanced work in government. The principles of political science; the state, the nation, the government; constitution, legislatures, executives, cabinets, and courts.

Fall Quarter. Credit, 5(5-0).

- \*232. **State and Local Governments.** A study of state constitutions and of the structure and functions of state and local institutions in the United States.

Winter Quarter. Credit, 5(5-0).

**COURSES IN GEOGRAPHY AND GEOLOGY**

240. **Principles of Geography.** The geological features of North America, including topography, drainage, geology, soils and climate. This is followed by an analysis of physiography with special reference to the physiographic provinces of the United States.

Fall Quarter. Credit, 5(5-0).

241. **Commercial and Industrial Geography.** This course deals with the value and importance of physical environment of man and its influence upon commerce and industry.

Winter Quarter. Credit, 4(4-0).

**GEOLOGY**

131. **General Geology.** A general discussion of geologic forces and their results, dealing chiefly with the principal facts of the science, with reference to the agencies affecting changes in the earth's form. The course includes a study of composition of the earth, soil-forming minerals and characteristics. Rocks and their identification, weather-

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\*Given in alternate years. Not given 1934-35.

ing, residual soil formed from various rocks. The work of winds, ground water stream and their work, alluvial deposits. Glaciation and glacial soils, oceans, lakes and inland waters, together with interpretation of geologic and soil maps.

Fall or Winter Quarter. Credit, 5(4-2).

### COURSES IN SOCIOLOGY

**231. Principles of Sociology.** A general survey of the field of sociology as a social science. Particular emphasis will be laid on social organization, conditions and problems.

Fall Quarter. Credit, 5(5-0).

**232. Community Life.** A detailed study of community life, both rural and urban. Social issues that affect state as well as municipal government will be given much attention. Students will be encouraged from time to time to acquaint themselves with current problems in specific communities.

Winter Quarter. Credit, 3(3-0).

**241. The Family.** A survey of the family organization from primitive times to the present, and the analysis of the factors that enter into family development.

Fall Quarter. Credit, 3(3-0).

**242. Race Relations.** A study of local conditions, situations, attitudes and progress of the various races in the United States, and methods of dealing with interracial problems.

Winter Quarter. Credit, 3(3-0).

**243. Rural Sociology.** A broad survey of the field of rural life in its social aspects.

Spring Quarter. Credit, 3(3-0).

## HOME ECONOMICS COURSES

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### APPLIED ART

**212. Costume Design.** A study of the principles of design as they apply to dress. A study of color in the selection and designing of clothing for various types of individuals.

Prerequisite: Art 211.

Fall Quarter. Credit, 3(1-4).

**213. House Planning and Interior Arrangement.** A study of house planning, the application to the proper treatment of the interior with practice in the selection and arrangement of furniture.

Prerequisite: Art 211.

Winter Quarter. Credit, 3(1-4).

### TEXTILES AND CLOTHING

**211, 212. Clothing.** Selection, altering and use of commercial patterns; garment construction. As covering textiles fabrics used in this course; planning individuals and family clothing budget. The course extends through two quarters.

Fall and Winter Quarter. Credit, 3(1-4) each quarter.

**223. Textiles.** A study of the textiles fibers, their source, production, characteristics and identification tests. The social, economic and hygienic aspects of and the care of clothing.

Spring Quarter. Credit, 3(2-2).

**223. Clothing.** Clothing selection, appreciation and renovation.

Spring Quarter. Credit, 2(1-2).

**243. Clothing.** A course in garment construction. The course aims to give experience in working with different types of textile fabrics.

Prerequisites: Clothing 211, 212, 223, and Costume Design 212.

Fall Quarter. Credit, 3(0-6).

### FOODS AND NUTRITION

221. **Foods.** Fundamental principles of food and nutrition as related to selection, preparation and serving adequate day's diet.  
Prerequisite: General Chemistry.  
Spring Quarter. Credit, 4(2-4).
223. **Foods.** Meal planning and preparation with emphasis on table service. Food sources, variety, selection in relation to quality and cost and consumer responsibility in purchasing foods.  
Prerequisite: Foods 221. Organic chemistry may be taken parallel.  
Winter Quarter. Credit, 4(2-4).
241. **Nutrition and Dietetics.** Principles of normal nutrition and health, calculating and preparing dietaries for various family members.  
Prerequisite: Foods 221, 223, Organic Chemistry and Physiology.  
Spring Quarter. Credit, 4(2-4).
242. **Special Problems.** Problems in working with such classes of foods as might be of special interest to the individual student, such as efficiency in making a certain class of cake, candy, etc., with special emphasis as to cost in relation to the finished product.  
Spring Quarter. Credit, 3(1-4).

### HOME ADMINISTRATION

223. **The House.** Criteria for judging the adequacy of certain types of dwellings in meeting the housing needs of the family; its care and equipment; the management of, effort and income in providing for and maintaining family life in the home.  
Fall Quarter. Credit, 3(3-0).
224. **Home Management.** Home relationships among family members and present day influences affecting them.  
Winter Quarter. Credit, 3(3-0).

234. **Home Management House.** Experience in applying basic courses in Home Economics to the management of the home, developing the proper attitude essential to family and group living.

Prerequisites: 223 the House, Home Management 224, Sociology 241.

Spring Quarter. Credit, 4(0-8).

242. **Child Care and Home Nursing.** A study of the child care and guidance; an application of principles of maintaining and improving health with emphasis on home care of the sick.

Winter Quarter. Credit, 4(3-2).

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## MATHEMATICS

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311. **College Algebra.** The course begins with operation upon surds and continues with theory of exponents, irrational and imaginary numbers, quadratic equations, equations solved like quadratics, simultaneous equations, etc. A general review of Algebra with advanced conceptions.

Prerequisite: High School Algebra.

Fall Quarter. Credit, 5(5-0).

312. **Trigonometry.** Functions of angles and their practical application to solution of problems, relations of acute logarithms of numbers and trigonometric functions, solutions of the right and oblique triangles by logarithms.

Prerequisite: Math. 311.

Winter Quarter. Credit, 5(5-0).

313. **Analytic Geometry.** Analytic Geometry.

Prerequisite: Math. 312.

Spring Quarter. Credit, 5(5-0).

321, 322, 323. **Differential and Integral Calculus.** Derivation of formulae for differentiation and integration with applications.

Prerequisite: Math. 313.

Fall, Winter, and Spring Quarters. Credit, 5(5-0).

**324. Surveying.** The method of using the compass, transit, tape and level in making plane surveys. Lectures and field work. Elementary stadia work.

Prerequisite: Math. 312.

Fall Quarter. Credit, 5(5-0).

**331. Differential Equations.** Presented in alternate years. Credit, 5(5-0).

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## MECHANICAL ENGINEERING

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**311. Mechanical Drawing.** Instruction in proper use of drafting instruments and materials. Pencil drawings. Ink drawings. Tracing. Lettering. Emphasis placed upon accuracy and neatness.

Fall Quarter. Credit, 3(0-6).

**312. Mechanical Drawing.** Continuation of 311. Elementary fundamentals required for machine drawing, including isometric, oblique and simple projections, the construction of conics and rolled curves.

Prerequisite: 311.

Winter Quarter. Credit, 3(0-6).

**314. Descriptive Geometry.** Short lectures and individual class room instruction. Class room exercises are issued in form of problem sheets which the student finishes according to directions. Emphasis is placed upon the ability to visualize the problems and processes of solution. The study of the fundamental conceptions of orthographic projection and fundamental problems on lines, planes and solids.

Spring Quarter. Credit, 3(1-4).

**321. Mechanism.** A study of motion and types of various mechanisms employed in design of machines. Rolling cylinders, cones, belting, screws, cams, wheel trains are covered in the course; design of gear teeth.

Prerequisite: 323.

Spring Quarter. Credit, 5(3-4).

**323. Mechanical Drawing.** Drafting room exercises accompanied by lectures, making assembly drawing from blueprints of details of some machine. Dimensions, reproducing, tracing, blueprinting.

Prerequisite: 313.

Fall Quarter. Credit, 3(0-6).

**324. Mechanical Drawing.** Continuation of 323. Drafting room work in the solution of practical problems.

Prerequisite: 323.

Winter Quarter. Credit, 3(0-6).

**325. Mechanical Drawing.** Continuation of 324. Solution of problems dealing with velocities, acceleration forces in various linkages, design of gear teeth and a drawing room study of operation of certain types of valve gears for steam engines.

Prerequisite: 325.

Spring Quarter. Credit, 3(0-6).

**331. Mechanics. Statics.** Graphical and analytical resolution and composition of forces. Laws of equilibrium and force systems; stress in various types of frames; distributed forces; center of gravity; moments of inertia and radii of gyration of plane areas and solids. Kinetics of solid bodies in plane motion.

Fall Quarter. Credit 5(5-0).

**332. Mechanics. Strength of Materials.** Physical properties of materials; fundamentals of components of stress and strain in bodies under uniform or varying stresses; the theory of bending; shearing; bending moments; equation of elastic curve; deflections in beams; stress due to combined axial loading and bending.

Prerequisite: 331.

Winter Quarter. Credit, 5(5-0).

**333. Mechanics. Structures.** A continuation of 332. Theory of column strength; torsion. Analytical trusses, columns, beams and girders. Design of wood and steel beams and columns. Calculation of roof loads, floor loads, loading on bridges, etc.

Prerequisite: 332.

Spring Quarter. Credit, 5(5-0).

**334. Heating and Ventilating.** Lectures and recitations. A study of the principles of heating and ventilating and refrigeration. Calculations of practical problems and heat losses in buildings. A study of the design, theory and construction of hot air, direct and indirect steam, hot water and fan heating systems. Air conditioning and temperature control.

Fall Quarter. Credit 3(3-0).

**335. Heating and Ventilating.** Continuation of 334, with special attention given to heating and ventilating requirements for different types of buildings. Actual calculations of heat losses for given buildings and design of new systems.

Winter Quarter. Credit, 3(3-0).

**337. Hydraulics.** Elementary principles of hydrostatics and hydrokinetics; laws of static; dynamic pressure; flow of water through orifices, tubes, nozzles, weirs, pipe lines and open channels; hydraulic friction and accompanying losses; water measurements in pipes and open channels.

Fall Quarter. Credit, 3(3-0).

**336. Heat Power Engineering.** A descriptive and analytical study of steam generation and steam using machinery. Laws of thermodynamics and application to engineering; physical properties of gases, saturated and superheated steam and air; use of equations, steam tables and diagrams in solution of various problems.

Spring Quarter. Credit, 5(5-0).

**338. Internal Combustion Engines.** A study of internal combustion engines and their auxiliaries. The operation of various types of engines using gas, oil, or gasoline to generate motive power; the different types of gas producers and application of this form of engine to the generation of power for many purposes.

**339. Diesel Engines.** A study of the Diesel engine operation and economy. Continuation of 338 and the application of the oil electric generating station. Calculation, design of important details and layout drawings of standard Diesel type internal combustion engine. A study of the fast growing application of the Diesel engine to modern means of transportation.

341, 342, 343. **Machine Design.** Problems in machine design, the solution of which is based upon statics and materials of construction. Calculation for design of some simple machine in which stresses are statically determined.

344, 345. **Heat Power Engineering.** A study of steam generating stations; detailed description of modern central and isolated stations. Cost of power. Typical specifications. The problems of combustion of fuels, flue gas analysis, determination of power cost. Problems and experiments in refrigeration and steam power plants. Running actual tests on boilers. A study of advantages and disadvantages of power plant machinery of different designs.

347. **Hydraulic Machinery.** A study of construction and characteristics of modern types of hydraulic turbines and hydro-electric stations. Data necessary for turbine test and problems on use of data, constructing characteristic curves. Lectures and demonstration by problems of steam flow. Motion picture of construction and operation of one or two hydro-electric plants in United States and Canada.

349. **Testing Materials Laboratory.** This laboratory contains the latest equipment required by the A.S.T.M. for testing concrete of various mixtures. Test on sand and cement according to A.S.T.M. standards. Preparing samples of various mixtures and testing at different periods.

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## MILITARY SCIENCE

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1. In October, 1919, the United States War Department designated military training at the A. and T. College under the provision of Special Regulation No. 45, War Department, 1920.

2. All male students who are physically fit and sixteen years of age or over automatically become members of the Military Department upon entering school.

### BENEFIT AND VALUE OF MILITARY TRAINING

The department of Military Science presents an opportunity for the student to learn the essentials of command and leadership, at the same time learning the fundamental essen-

tials of Military Science and Tactics. Through a co-ordinated program with the department of Physical Education, the physical fitness of the student is stressed.

**211. Military Science.** The essentials of military discipline; courtesies. Theory of close and extended order drill to include the squad.

Fall Quarter. Credit, 1(0-2).

**212. Military Science.** Care and cleaning of the rifle; preliminary instruction in rifle marksmanship. Elementary sanitation and first aid.

Winter Quarter. Credit, 1(0-2).

**213. Military Science.** Theory and practice of close and extended order drill to include the rifle section.

Spring Quarter. Credit, 1(0-2).

**221. Military Science.** Orientation of national military policy. Close and extended order of the rifle to include the rifle platoon.

Fall Quarter. Credit, 1(0-2).

**222. Military Science.** The duties of the members of an exterior guard. Scouting and patrolling.

Winter Quarter. Credit, 1(0-2).

**223. Military Science.** Combat principles of the rifle squad and section. Theory and practice of close order drill to include the rifle company.

Spring Quarter. Credit, 1(0-2).

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## MUSIC

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### Aim of Course

This department is maintained to effect in students ear consciousness of musical performances, whatever branch, as to technique and aesthetic and cultural value; eye consciousness of musical items, notation rhythms etc., so as to aid in the reading or singing of simple musical compositions with a de-

gree of correctness; to make for comprehensive, intelligent listening to the best music as well as lay a ground for public school music.

**211, 212, 213. Theory of Music.** Graduated combination course of the rudiments of music, solfeggio and appreciation, notation, ear training, recognition by eye and ear of the diatonic intervals of the major scales; sight singing exercises, simple rhythms.

Fall, Winter, and Spring Quarters. Credit, 1(0-2) each Quarter.

**221, 222. Appreciation.** Teaching the aesthetic and historic values of music. Private reading reports, current events, use of victrola and radio, singing.

Fall and Winter Quarters. Credit, 1(0-2) each Quarter.

**223. History.** A compact course of the history of music from the music of the Western church up to modern times with special attention given to those incidents and composers whose compositions are of greatest importance.

Spring Quarter. Credit, 1(0-2).

**233. Church Music.** History of the music of the Christian Church from the first century to the present time. Chants, masses, hymns, anthems, oratorios, cantatas, and organ music. The aim of the course is to acquaint the student with the best sacred music both ancient and modern.

Spring Quarter. Credit, 1(0-2).

**234. Public School Music.** Elementary Harmony prerequisite. This course is offered for those who wish to prepare themselves to supervise or teach music in secondary and normal schools. This course is required for all who major in music, but may be elected by any other member of the college department. The study of the child's voice, elementary curriculum, methods music notation, directing ensemble singing, observation, practice teaching, etc.

Any Quarter. Credit, 2.5(0-5) each.

## PHYSICAL EDUCATION

### THE GENERAL AIMS OF PHYSICAL EDUCATION

The aims of this department are to develop organic power, vitality, the prerequisites to physical and mental efficiency ; to secure muscular development, bodily skill and grace ; to provide an incentive and an opportunity for every student to secure physical recreation as a balance to the sedentary demands of school life. The department also aims to offer social and moral values of games and sports, and also to establish high ideals of athletics. It trains the individual along the lines of leadership, fellowship and develops a love of recreation.

Further, it aims to acquaint the student and teacher with a keener realization of periodic health examinations ; to give to the public trained recreational leaders.

*Note:* Regular college students (girls), are required to have two years of "gym" work. (This means that they must have a uniform.)

### DESCRIPTION OF PHYSICAL EDUCATION COURSES

**211, 212, 213.** (Required of all Freshmen.) These courses deal, in the order named, with outdoor games and soccer during the fall, indoor mass games, basketball, volley ball and gymnastic work during the winter, and track, baseball and other spring games during the spring quarter.

Fall, Winter, and Spring Quarters. Credit, 1(0-2) each Quarter.

**221, 222, 223.** (Required of all Sophomores.) This year's work is mostly a continuance of the work done during the preceding year. This year practice teaching within the class is required, and the fundamentals of first aid and massage are given.

Fall, Winter, and Spring Quarters. Credit, 1(0-2) each Quarter.

**225. Rugby.** (Elective for Juniors and Seniors.) This course deals with the fundamentals involved in the organization, training and development of football teams. Lectures and practical work constitute the course.

Fall Quarter. Credit, 3(1-2).

226. Basketball. (Elective for Juniors and Seniors.) Same as 225.  
Winter Quarter. Credit, 3(1-2).
227. Baseball. (Freshmen excluded.) Same as 225.  
Spring Quarter. Credit, 3(1-2).
228. Track. (Juniors and Seniors.) Same as 225.  
Spring Quarter. Credit, 3(1-2).
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## DEPARTMENT OF PHYSICS

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**Physics 321, 322, 323.** (Formerly 311, 312, 313.) A general survey course in physics which deals with the properties of matter, the mechanics of liquids and gases, sound and heat, the mechanics of solids, optics and a general study of electricity.

Fall, Winter, and Spring Quarters. Credits, 5(4-2) each Quarter.

**Physics 324.** (Formerly 314.) A survey of modern physics. A course which presents the modern concepts and theories of the structure of matter, and is non-mathematical in nature. It deals with the picture of an atom and the behavior of atomic structures. The modern concepts of chemical valence or attraction of chemical elements, is worked out. A mathematical background is not required.  
Winter Quarter. Credit, 3(3-0).

**331. Electricity and Magnetism.** A presentation of the mathematical theory of electricity and magnetism.

Prerequisites: Physics 323, Math. 323.  
Credit, 5(5-0).

**332. Thermodynamics.** A presentation of the fundamental laws of thermodynamics. Study of the applications of thermodynamics to heat engines, air compression, and refrigeration.

Prerequisite: Physics 323.  
Credit, 5(5-0).

**333. Electron Physics.** A presentation of the fundamental phenomena of electron physics. Cathode rays, charge, and mass of the electron, photoelectricity, radio-activity, thermionic emission, radiation and ionization potentials.

Prerequisites: Physics 313, Math. 323.

Credit, 5(5-0). Presented in alternate years. Not given 1934-35.

# THE TRADE SCHOOL

## OUTLINE OF INDUSTRIAL LABORATORY COURSES

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### AUTO MECHANICS

Training Objectives : General repairman of reasonable skill and ability.

Length of course : Two years of 9 months each.

Amount of time in shop : Five hours per day.

Section 1. Bench work (for students without related shop subjects), 240 hours.

Section 2. Chassis and chassis repairs (total 280 hours) :

1. Frames and springs, 65 hours.
2. Steering gears and front axles, 45 hours.
3. Rear axles and springs, 125 hours.
4. Lubrication, 20 hours.
5. Tire care and repair, 25 hours.

Section 3. Power system (total 400 hours) :

1. Clutches, transmissions, universals, 65 hours.
2. Engine assembly and repair, 120 hours.
3. Lubrication, 20 hours.
4. Cooling system, 40 hours.
5. Fuel system, 150 hours.

Section 4. Starting and Lighting System (total 450 hours) :

1. Elementary electricity, 200 hours.
2. Ignition (battery and magneto), 110 hours.
3. Batteries and battery care, 40 hours.
4. Starting motors and generators, 50 hours.
5. Wiring and lighting, 50 hours.

Section 5. Body care and repair (total 60 hours) :

1. Washing and polishing the car.
2. Minor repairs to top and upholstering.
3. Repairing doors and removing body squeaks.
4. Removing old and installing new bodies.
5. Repairing fenders, hoods, aprons and radiator covers.
6. Repairing dents in the body.

Section 6. Auxiliary apparatus (total 60 hours) :

1. Safety devices.
2. Horns.
3. Windshield wipers.

4. Rear view mirrors.
5. Stop lights.
6. Car heaters.

Section 7. Operating and trouble shooting (total 120 hours) :

1. Chassis.
2. Power system.
3. Starting and lighting.
4. Body.
5. Auxiliary apparatus.

Section 8. Shop methods and management (100 hours).

Note : Maximum size of class, 25 students.

## CARPENTRY

### *First Year:*

A study of the tools used by the carpenter and their care. Exercises in making the various types of joints used by the carpenter. Cutting and placing sills, joists, studs, corner posts, girders, plates, bridging, braces, single and double headers for door and window openings, partitions, headers and trimmers for stairway and chimney openings.

Lectures. Woods, their growth and structure, grading rules, methods, and types of framing, the steel square, care and operation of wood working machinery.

### *Second Year:*

Making and placing door and window frames. Interior finishing, such as jobs involving the cutting and placing of casings, bases, mouldings, etc. Covering of inside floors and walls; hardware. Exterior covering and finishing as shingling, finishing of eaves and gables, siding, sheathing, corner boards, wire for plaster or stucco finish.

Lectures. The finish of floors and interior wood work. Trade terms; various materials used on interior and exterior and finishing; contractors' methods.

## Stair Building

### *Third Year:*

Jobs involving the laying out, cutting and placing of straight run stringers, platform flights, dog leg flights, treads, risers, newels, skirting boards, rails, balusters, etc. Roof framing involving the cutting, placing and nailing of jack, common, valley and hip rafters. Chimney opening.

Lectures. Blueprint reading and estimating.

## CABINET MAKING

### *First Year:*

Care and use of tools. Making of joints used in cabinet maker's trade. Building talorets, tables, book cases and other pieces involving the use of the various joints. Practice in chair caning. Interpretation of simple cabinet maker's drawings.

Lectures. Furniture, Woods, their growth and structure. Grading rules, mill practice, costs.

### *Second Year:*

Wood work, continued. Fine and period furniture, veneering, simple carving, wood turning, furniture finishing, rubbing and polishing, mixing of stains, fillers, etc.

Lectures. Furniture construction finishes, characteristics of period furniture.

## FURNITURE UPHOLSTERING

### *First Year:*

Furniture upholstering. Tools and accessories, springing up, pillow and cushion, the pad seat, the hard stitched edge, double stuffing, circular backed chairs, spring back pieces, simple and pleated buttoning, cording, banding, gimping, etc. Overstuffed furniture upholstering, trimming, overstuffed pieces.

Lectures. Estimating, classes of fillers and fabrics, springs, the four principal textile weaves, advertising.

## SHOEMAKING AND LEATHER WORK

### *First Year Trade:*

The student first learns the construction of the various kinds of shoes; the method of fastening the parts together—welts, uppers, innersoles, outersoles, felts, stays and all forms and classes of heels. Thread and needle are next studied. The art of twisting and waxing threads, attaching threads to bristles, uses of threads and needles are included in this study. The student is next taught the use of the knife; cutting and fixing soles, stays, heels and uppers; patching; capping; sewing rips; uses of hammer, rasp, buffers, sandpaper and nails; sizes of nails; uses of ink, and burnishing and finishing. In addition the student is taught the care and operation of foot-power machinery and its use in sewing rips and patching.

*Second Year Trade:*

All students having satisfactorily completed their first year course in shoemaking will begin their second year course with the study of leather, its qualities, kinds and treatment. The various kinds of shoes, cloth, rubber, composition, imitations of leather are studied. Emphasis is placed on the repair of the shoes. The various kinds of heels are next studied—wooden heels, aluminum heels, military heels, Cuban heels, Baby Louis heels, French and rubber heels. The student is then taught the fitting of rubber and aluminum heels, and the recovery and fitting of leather heels. The various methods of soling are taken up next—hand sewed soles, machine sewed, tacked and channel nailed. Manipulation and care of power machines, eyelet machines; button machines; making of buttonholes; uses of cements; and the cutting of tongues and vamps and soles, completes the course.

**MACHINE SHOP PRACTICE**

Section 1. Plain turning between centers—cast iron, steel and soft metals. Grinding roughing tools. Facing ends—all metals. Chucking. Use of outside and inside calipers. Cutting off stock. Truing rough castings. The use of lathe dogs and special clamps.

Section 2. Setting up work with use of jigs. Tool making; machine taps, tempering and testing. Drilling holes in sheet metal where special clamps are involved. Boring deep holes on lathe with special tool. Working brass and copper on the lathe.

Section 3. Nomenclature of machines. Adjusting machines. Setting up new machines. Speeds and feeds for various grades of work and upon various grades of material. Making small parts for machines with use of drill press and lathe. Threading pipe with pipe threading machine.

Section 4. Job work (outside work). Operation of milling machine, key seating, end milling, etc. Gang milling. Horizontal milling. Vertical milling. Gear cutting. Function and use of standard machines.

## TAILORING

The course in Tailoring covers three years of thorough training in repairing, cleaning, pressing, altering, making of suits and overcoats. The variety of making new garments and in repairing permits arranging and carrying out of the course of study which equips a student for such work as is met in commercial life.

The course of study follows:

### *First Year:*

Care of shop and tools. Position on tailor's board. Practice in use of needle, thimble; in overcasting, felling, back-stitching, making button hole and machine sewing. Study and classifying materials, practice in making flies, waistbands, straps, flaps for pockets, pocket from drafts, cutting and fitting linings, spacing buttons and finishing uniform trousers, civilian trousers and overalls.

### *Second Year:*

Review. Studying different parts of the vest, making various pockets, collars, facing and working from drafts. Vest making. Vest drafting, studying the various parts of the coat. Cutting and making canvas collars and sleeves. Working from drafts, making facings, foreparts, edges, joining seams, basting, linings, and finishing work.

### *Third Year:*

Review of first and second year work. Coat and overcoat making. Studying changes that affect work in citizens' garment making. Work on ordinary citizens' garment continued. Studying grades of material, estimates, cost and quality of materials. Working from drafts. Study of harmony in colors, drapery in garments. Measuring, drafting and cutting the garments studied. Students are required to make a suit to show proficiency. Study of current trade events of the year.

## BRICKLAYING

The course in Bricklaying and Plastering requires two years for completion.

Practical instruction in house building, chimney and flue construction, concrete work and kalsomining is given. Working drawings, materials, formulae, technical problems and

estimates are taken up during the regular periods. Lectures covering the above are given at intervals throughout the year.

All models are constructed from blueprints or working drawings.

*First Year:*

Classification of materials, constructing piers, pillars, walls of different bonds and sizes, arches and corners of different sizes and designs. Laying brick sills for doors and windows, setting window and door frames, construction flues, single chimneys, burial vaults, scaffolding, etc. Live practice. (Weekly lecture on related problems.)

Rapid review of first year. Staking out and laying off buildings, excavating, foundation leveling, manhole construction, hollow tile and face brick construction, mantle and veneer construction, chimney construction and line practice. (Weekly lectures on related work.)

## LAUNDRY MANAGEMENT

In addition to its rapid and splendid growth in the past few years, the college has increased its constituency by establishing a modern and in every way up-to-date steam laundry. The plant is built for the purpose of meeting the needs of the students and faculty; but greater than this, however, is the opportunity that it offers to students to receive instruction, along the line of commercial laundering. The superintendent, a man of experience in this particular line of work, is in charge of the plant and we are now offering the following three-year course to all prospective students:

### Course of Study

*First Year:*

During the first year the student's work will consist of the following: Marking and assorting of soiled linen; classifying of various articles in the respect of type; learning how to operate and care for the American marking machine; helping in the work room; learning how to operate and care for the American motor-driven extractor; shaking out flat linen; feeding and folding of linen after ironing; learning how to operate and care for the American dry trumbler; operating the sock machine; keeping work and marking room clean and sanitary.

*Second Year:*

In the second year the student will concentrate his time and effort on the work room and its equipment. The operating of the American work machine will be carried on in the following manner: Use of hot and cold water; taking notice of time consumed in working different kinds of linen; how and when to change water in machine; when to add soap, bleach, and blue; how to cook and use starch correctly.

*Third Year:*

In the third year the student will be expected to complete the following: Operating of sheet units; finishing of shirts, collars, socks, etc.; folding and classifying of underwear; operating of the American press machine; hand ironing of various descriptions; pressing of suits; operation of the United States Hoffman garment press; assorting and checking out of each individual package, wrapping, sealing, and delivering.

## GRADUATING CLASS—1932-1933

## RANKING STUDENTS

<i>First</i> .....	Vincent DeVan White
<i>Second</i> .....	T. Wilkins Washington
<i>Third</i> .....	Washington Irving Morris

## DEGREES CONFERRED MAY 30, 1933

## ROSTER OF CLASS

## Bachelors of Science in Agriculture

Otis Buffaloe .....	Brown Summit
Theodies Hiawatha Holland .....	Miami, Fla.
Davis Jasper Knight .....	Rocky Mount
Nathaniel H. Sessoms .....	Powellsville

## Bachelors in Science in Mechanic Arts

*Walter H. Armwood, Jr. ....	Greenwood, S. C.
Taft Howard Broome .....	Dallas
Albert Leon Stanback .....	Chester, S. C.
Thomas Wilkins Washington .....	Huntington, W. Va.

## Bachelors of Science

Josephine Barrier .....	Greensboro
Charles Larrington Bryant .....	Wilmington
William Wadsworth Capehart .....	Raleigh
*Russell Joseph Capott .....	Norfolk, Va.
*Ollen Augustus Dupree .....	Greenville
Mernell Margaret Graves .....	Gibsonville
Loretta Annabelle Foust .....	Greensboro
Edward Hines .....	Newark, N. J.
Luther Alexander Keiser .....	Oxford
Mary Jane Kelly .....	Asheville
Freeman H. Ledbetter .....	Etowah
Walter H. Monroe .....	Greensboro
Washington Irving Morris .....	Reidsville
Clyde Swanson Scott .....	Clover, Va.
*Doris Vivien Vick .....	Wilson
Lois Vivien Walker .....	Dublin, Ga.
Harriette Pearl Wallace .....	Greensboro
William Robert Warren .....	Long Branch
Vincent DeVan White .....	Spartanburg, S. C.
Curran Walter Williamson .....	Statesville

\*Degrees conferred July 15th.

**CERTIFICATES GRANTED THE FOLLOWING STUDENTS****Auto Mechanics**

Matthew Anderson .....	Greensboro
James Lenwood Brown .....	Norfolk, Va.
Lenwood White .....	'Greensboro

**PRIZES AND AWARDS**

Balfour Prize .....	Vincent D. White
John Merrick Medal .....	T. Wilkins Washington
Kappa Phi Kappa Debating Key .....	C. W. Williamson
Saslow's Medal (first) .....	Vincent D. White
Saslow's Medal (second) .....	Washington I. Morris
Simkins Medal .....	Henry M. Bass
M. F. Spaulding Prize .....	Theodies H. Holland
Sebastian Prize .....	Clarence I. Sawyer

## ROSTER OF STUDENTS BY CLASSES

## SENIOR CLASS — 1933-1934

Banks, Burnwell Bernard, 360 W. Bragg St. ....	Greensboro
Beatty, Fannie Peter, Miss, 514 N. McDowell St. ....	Charlotte
Bluford, Zena, Miss, 4622 Fairmont Ave. ....	Philadelphia, Pa.
Bright, James Francis ....	Magnolia
Browning, James Calvin ....	Burlington
Charlton, James Edward, 1136 E. Carteret St. ....	Edenton
Clark, George Robert, 622 S. Ashe St. ....	Greensboro
Dulin, Alice Eva, Miss, 993 Armstrong St. ....	Greensboro
Elliott, Elmond Arshees, 58 Dobbs St. ....	Hertford
Evans, Ofis E., Box 70 ....	Walstonburg
Galloway, Drewella French, Miss, 1116 E. Market St. ....	Greensboro
Galloway, Lillian Hortense, Miss, 1116 E. Market St. ....	Greensboro
Galloway, Tedia Mae, Miss, 267 Rockford St. ....	Mount Airy
Griffin, Curl Caesar, 205 Wallace St. ....	Orange, N. J.
Grant, Ernest Elisha ....	Asheboro
Hawkins, Samuel T., Box 706 ....	Burlington
Haygood, Preston, 908 E. Boundary St. ....	Charlotte
Houston, Edward Sylvester, Box 262 ....	Live Oak, Fla.
Johnson, Carrie Elizabeth, Miss, 1423 5th Ave. ....	Hickory
Lee, Lillian Josephine, Miss, 1711 E. Market St. ....	Greensboro
McAdoo, Arthur Franklin, Route 4 ....	Greensboro
McDuffie, Emanuel M., Jr., Laurinburg Institute ....	Laurinburg
McKoy, Andrew James, 210 North Regan St. ....	Greensboro
Metz, Melissa Elizabeth, Miss, Box 15 ....	Edisto Island, S. C.
Monroe, Eugene, 1010 19th St. ....	St. Petersburg, Fla.
Morrow, Archibald Haldane, 215 Vargrave St. ....	Winston-Salem
Price, Frederick Adolphus, Princess Anne Academy,	
	Princess Anne, Md.
Rowell, James Erwin, 308 N. Wilson St. ....	Florence, S. C.
Sawyer, Clarence I. ....	Shoals
Scotton, Elizabeth, Miss ....	Asheboro
Smith, Charles Celeste, 1320 Florida Ave. ....	Portsmouth, Va.
Tatum, Marian Christine, Miss, 409 N. Dudley St. ....	Greensboro
Telfair, Reginald Everett, 615 Walnut St. ....	Wilmington
Vick, Dorsey James, 1401 Mt. Vernon Ave. ....	Portsmouth, Va.
Wade, Annie Belle, Miss, 514 Marsh St. ....	Greensboro
Walker, Arnold George, 289 Battle St. ....	Talladega, Ala.
White, Martha Virginia, Miss, 1712 Ivy St. ....	Chattanooga, Tenn.
Whitlock, Hazel Lucile, Miss, 2305 Connecticut Ave. ....	Gary, Ind.
Wicks, Wade Hampton ....	Halifax, Va.
Wood, Frank Tucker, Jr. ....	Ware Neck, Va.

Woods, Naurice Frank, 221 E. Gaston St. .... Greensboro  
 Wright, Hattie Graves, Miss, 422 N. Dudley St. .... Greensboro

### JUNIOR CLASS

Albright, Marvin B. ....	Burlington
Balsley, Ernest Eugene, Jr., 1460 E. 8th St. ....	Winston-Salem
Banks, Dalbert H., 360 W. Bragg St. ....	Greensboro
Bass, Henry M. ....	Suffolk, Va.
Baugham, George Carnes, Route 1, Box 12 ....	Rich Square
Brown, Herbert Elliot, 1110 N. 7th St. ....	Wilmington
Burgess, Vincent A., 356 Halsey St. ....	Brooklyn, N. Y.
Burnett, Elijah William, 416 N. 7th St. ....	Wilmington
Burrell, Annie Irene, Box 226 ....	Drakes Branch, Va.
Caveness, Vernell James, 707 Law St. ....	Greensboro
Davenport, Warner Conaway ....	Folly, Va.
Dillard, John William, 713 S. Ashe St. ....	Greensboro
Dudley, Samuel L., 708 N. Green St. ....	Greensboro
Dunn, William Lawrence ....	Spring Hope
Dusenbury, Ruby Valenda, 936 W. McCulloch St. ....	Greensboro
Elliott, Balaam, 1112 McGhee St. ....	Greensboro
Fairley, Thomas Alfonso, 1318 Orchard St. ....	Greensboro
Fiemster, James W., 709 13th St. ....	Hickory
Finney, Claude Swanson ....	Cumberland, Va.
Fisher, Arthur Weldon, 519 S. Craige St. ....	Salisbury
Greene, Rachel Virginia, Route 1, Box 64 ....	Clio, S. C.
Griffin, Lymus Richard, Route 1, Box 124 ....	Whiteville
Groves, Mary Isabel, 1006 Benbow Road ....	Greensboro
Hargrave, Harvey Mack, 228 E. 3rd Ave. ....	Lexington
Harris, Edward M., 322 Rockspring St. ....	Athens, Ga.
Hinton, Collins Ishmond, 1110 Smithfield St. ....	Raleigh
Holloway, Edith Lillian, Miss, 213 Burkemount Ave. ....	Morganton
Ireland, Clark, 523 Ireland St. ....	Greensboro
Ivy, Joseph Davis, 513 Holbrook St. ....	Danville, Va.
Kennedy, Alvin Samuel, 816 Royal St. ....	Salisbury
Kyer, Edward Hollans, 1622 Richland St. ....	Columbia, S. C.
Lane, Minnie Louise, Route 4, Box 210 ....	Greensboro
Lanier, Jesse John, Route 1, Box 199 ....	Bath
McAdoo, Garland Henry, Route 4, Box 252 ....	Greensboro
McKeathan, George King, Box 31 ....	Southern Pines
Mabry, Curtis George ....	Seale, Ala.
Mason, Stephen Willard, Route 5, Box 54 ....	Henderson
Poole, John James, 612 S. Ashe St. ....	Greensboro
Price, Charles Wesley, Jr., 15 Sandview Terrace, South Norwalk, Conn.	
Price, Maud Elsie, 140 Mitchell St. ....	Greensboro

Richardson, Arthur R., 20 Wellington St. ....	Boston, Mass.
Richardson, Everett Emerson, 1339 E. Washington St. ....	High Point
Rogers, Jesse S., 1002 Shayless Ave. ....	Melrose Park, Pa.
Smith, Calis Earl, 606 Cedar St. ....	Beaufort, N. C.
Speller, John Turner, Route 4 ....	Windsor
Stewart, John Edwin, 1209 S. 6th St. ....	Wilmington
Ward, James Stanford, Box 291 ....	Leaksville
Wooten, Catherine Elizabeth, 419 N. Dudley St. ....	Greensboro
Wooten, Charles Delmos, Box 138 ....	Lexington

**SOPHOMORE CLASS**

Alston, Flossie Robinson, 609 Gorrell St. ....	Greensboro
Barnhill, Burgoyne Franklin, Box 71 ....	Troy
Bigelow, Euphrey Tankersley, Route 2, Box 235 ....	Greensboro
Brown, James Boyce, Route 2, Box 100 ....	Clarkton
Brown, Minnie Doris, Route 2, Box 43 ....	Bladenboro
Burden, Isaac Monroe, 934 Gordon Ave. ....	Norfolk, Va.
Burnside, John Lawrence, 818 Whitted St. ....	Hendersonville
Caldwell, Frank, Jr., 218 Booker St. ....	Greensboro
Cope, Joseph Andrew, 101 Alley St. ....	Rogersville, Tenn.
Copening, Costello ....	Lenoir
Dixon, Ernest Washington, Box 142 ....	Peachland
Edmiston, Alonzo Bope, 1911 Bainbridge St. ....	Philadelphia, Pa.
Gordon, William James, 515 S. Davidson St. ....	Charlotte
Gunn, Mary Louise, 1108 Salem St. ....	Greensboro
Guy, Elsie Mae, 411 Beech St. ....	Greensboro
Haith, Robert, Jr., 400 Beech St. ....	Greensboro
Harbison, Robert Lee, 411 Concord St. ....	Morganton
Hines, Carl Wendell, 617 E. Green St. ....	Wilson
Ingram, Veda Mae, Box 34 ....	Lilesville
James, Etta Elizabeth, 209 N. Gilmer St. ....	Greensboro
Jeffress, Joseph Edward ....	Charlotte Court House, Va.
Johnson, Gwendolyn Anita, 522 Rutherford Ave., N. W., Roanoke, Va.	
Johnson, James Franklin ....	Minturn, S. C.
Jones, Alexander Walter, Route 2, Box 70 ....	Whiteville
Jones, Carter James ....	Wise
Jones, Thomas Langston, Station B ....	Winston-Salem
Jones, O'Kelly William, 131 W. 61st St. ....	New York, N. Y.
Jones, Rose LaVerne, 4804 E. 30th St. ....	Indianapolis, Ind.
Keen, James, 800 Hanover Ave., N. E. ....	Roanoke, Va.
Lassiter, Grady Lee ....	Harrellsville
McCoy, Josie Mae, Box 51 ....	Southport
McKoy, Charles, 310 E. Franklin St. ....	Rockingham
Melton, Judson Carlyle, 400 Beech St. ....	Greensboro

Mitchell, Irving Reed, 224 Regan St.	Greensboro
Mitchell, Rivera Granville, 2105 E. Market St.	Greensboro
Moore, Robert Daniel, 810 Redcross St.	Wilmington
Newsome, Alda Marion, 511 Whitney Ave.	Albany, Ga.
Norman, McHenry, Jr., 705 E. 3rd St.	Oklahoma City, Okla.
Payton, Earl Lenion, 1303 W. 3rd St.	Greenville
Pittman, James Waddell, Route 1, Box 171	Whiteville
Robinson, Churchill Edward, 612 Lampton St.	Louisville, Ky.
Short, Henry Brevard, 308 Percy St.	Greensboro
Shute, Matthew Atkins, 1736 W. Trade St.	Charlotte
Simmons, Edwin Alfred, 9 Clinton St.	Inwood, Long Island, N. Y.
Spaulding, John Andrew, Route 4, Box 56	Clarkton
Suggs, Phillip Napoleon, Route 5	Snow Hill
Withers, John L., 519 Bennett St.	Greensboro
Yarborough, Lettie Belle, 804 Pickett St.	Durham

#### FRESHMAN CLASS

Akers, Pauline Marie, 238 Harrison Ave., N. W.	Roanoke, Va.
Albritton, John Frank, 419 N. Davis St.	Kinston
Alexander, Girardeau, Route 2, Box 69A	Brown Summit
Allen, Marie Ximinia, 1203 Douglas St.	Greensboro
Allen, Wendell Wilson, 700 Sevier St.	Greensboro
Armstrong, Dester, 915 Bennett St.	Greensboro
Bagwell, Gertrude Louise, 260 N. Dean St.	Spartanburg, S. C.
Bankston, Eugenia Elizabeth, 403 Umstead St.	Durham
Barnes, Bennie Lee, 423 Railroad St.	Pantego
Barnhill, Joseph Washington, Route 2, Box 9	Currie
Bass, Garland Booker, 131 Branch St.	Reidsville
Bell, Augustus Frank, 336 12th St.	Hickory
Biggers, Helene Ernestine, 415 W. Davidson Ave.	Gastonia
Boyd, Cross Curtis, 326 Church Ave.	Monroe
Brown, Price, Route 7, Box 221	Salisbury
Brown, Merceed Virginia, 612 Ely St.	Farmville, Va.
Bullard, James Maceo, Route 1, Box 205	Maxton
Bullock, George Bryant, Route 4, Box 383	Rocky Mount
Bullock, Melvin Andrew, 315 Cherry St.	Henderson
Burress, James Russell	Roanoke Rapids
Burton, Leroy Melvin, Route 1, Box 23	Fuquay Springs
Carney, Bernice Louise, 402 Harriett Ave.	La Junta, Colo.
Carter, Gladys Ellen, Route 2, Box 75	Paces, Va.
Colson, Alberta Marion, Route 2	Wadesboro
Conway, Thomas Edison, 1063 N. 6th St.	Columbus, Ohio
Corbett, Alexander, Jr.	Lake Waccamaw
Currie, David, P. O. Box 190	Fayetteville

Dawson, Rose Lilly, Route 3, Box 21 .....	Fort Barnwell
Delaney, Daniel, 402 E. Clay St. ....	Richmond, Va.
Dowdy, Williams Blount, 536 Respass St. ....	Washington
Durant, Raymond, 629 W. 36th St. ....	Savannah, Ga.
Dyson, Gaston Lucious, 106 W. Whittington St. ....	Greensboro
Edwards, Ella Cotton, P. O. Box 48 .....	Siler City
Fair, John Thomas, 459 St. John St. ....	Spartanburg, S. C.
Farrington, Vivien Melba, 410 Thomas St. ....	Durham
George, Neallie, Route 1, Box 39 .....	Whiteville
Gill, John Cirt, Box 53 .....	Elizabethtown
Glover, Nello Guy .....	Siler City
Glover, Philip David .....	Siler City
Goffney, Lawrence Jackson, 919 25th St., N. W. ...	Washington, D. C.
Graham, Otho Odell .....	Maysville
Graham, Woody Lander, P. O. Box 841 .....	Fayetteville
Haith, Grover Maxwell, 310 Regan St. ....	Greensboro
Haith, Lacy Thomas .....	Elon College
Hannon, Robert Lewis .....	Scotland Neck
Hargroves, Floyd Ralph, 1061 E. Market St. ....	Greensboro
Hart, William Joseph, P. O. Box 35 .....	Tarboro
Hawley, Dolly Ann, 8 Alma Place .....	Rochester, N. Y.
Hayes, Ira Lewis, 340 Elk St. ....	Lexington
Hayes, Mattis Modell, 1110 Salem St. ....	Greensboro
Headen, Arthur, 305 Bennett St. ....	Greensboro
Hennessee, Annie Margaret, 202 White St. ....	Morganton
Hester, Mae Willie, 1200 Moreland Ave. ....	Durham
Hines, George Anna .....	Candor
Hoffman, Robert Taylor, P. O. Box 164 .....	Dallas
Horne, Frederick Douglas, 20 Atlanta Ave. ....	Asheville
Ingram, Mary Elizabeth .....	Guilford College
Ingram, Martha Elizabeth .....	Guilford College
Jackson, Ethel Marguerite, 515 East Henry St. ....	Savannah, Ga.
Jackson, Novella .....	Cherryville
Jennings, Mary Evellynne, 114 N. Luther St. ....	Greensboro
Johns, Kenneth Wilson, 2001 Chestnut St. ....	Portsmouth, Va.
Johnson, Christine Daisy, 1423 5th Ave. ....	Hickory
Johnson, Isaac Ellis, P. O. Box 313 .....	Laurinburg
Johnson, Jack, 523 9th Ave. ....	Hickory
Johnson, Leroy Randolph, Route 2, Box 19 .....	Rocky Point
Jones, Velma Oreen, 8 Alma Place .....	Rochester, N. Y.
Keen, Willie Sheppard, 800 Hanover Ave., N. E. ....	Roanoke, Va.
Kennedy, Alvin Von., 909 E. Boundary St. ....	Charlotte
Lane, Allen Gaston, Box 495 .....	Somerset, Va.
Lane, William Earl, 618 W. 5th St. ....	Washington

Lawrence, Edward Charles, 615 Payne Ave.	Knoxville, Tenn.
Laws, Garrett	Garner
Lee, Doncie, 205 N. Dudley St.	Greensboro
Lee, Melba Alberta, 415 S. Jefferson St.	Albany, Ga.
Lucas, Frederick Kimmie, 107 Ave. F	Darlington, S. C.
McClain, William, 1346 Fields Ave.	Columbus; Ohio
McConnell, Helen Ruth, 1300 Kivett Drive	High Point
McCoy, Ernest Augustus, 1523 Outten St.	Norfolk, Va.
McDougle, Leon, Henderson Institute	Henderson
McKethan, Stanford Lester, East Divine St.	Dunn
McNair, Wilbur Orlander, 429 E. Washington St.	Greensboro
Marable, Charles Crawford, Route 1, Box 70	McCullers
Marable, William Thomas, 805 Parham St.	Henderson
Martin, Bartholomew, 527 Best St.	Greensboro
Martin, Sophia McLean, 527 Best St.	Greensboro
Mason, Mineola Elizabeth, 620 6th Ave., N. W.	Roanoke, Va.
Matthews, Uta Nile, Route 4, Box 48	Clinton
Mebane, Amy Shaw, 119 N. Dudley St.	Greensboro
Melton, Etta Mayme, 400 Beech St.	Greensboro
Mial, Sir Walter	South Bound Brook, N. J.
Miller, Marion Willene, 605 Carmel St.	Charlotte
Miller, Merrell Blanche, 605 Carmel St.	Charlotte
Mitchell, D. Thaddeus, 2105 E. Market St.	Greensboro
Mitchell, Norman, 224 Regan St.	Greensboro
Moffitt, Robert Dunbar, 907 Lincoln St.	Greensboro
Monroe, Jethro James	Pinehurst
Montgomery, John Lesley	Beatrice, Ala.
Murchison, Dorothy Rose, 628 Hillsboro St.	Fayetteville
Newkirk, Ward David, Route 10, Box 106	Charlotte
Oxner, Jerome, 419 S. Alexander St.	Charlotte
Peele, Willis Gilmore, 613 E. Spruce St.	Goldsboro
Pittman, Augustus James, 224 Jackson St.	Cape May, N. J.
Poole, James Malachi, 93 Bern St.	New Bern
Pullen, Frank Mask, Route 3, Box 160	Littleton
Reid, Ladovia McLain, 416 Chestnut St.	Lexington
Reid, Reginald St. Clair, 109 W. 129th St.	New York, N. Y.
Rhyne, Samuel Augustus	Dallas
Richards, Lewis Frank, 812 8th St., N. W.	Roanoke, Va.
Robinson, John Henry, 118 Prince St.	Reidsville
Robinson, Larry Houston, 34 Ridge St.	Asheville
Robinson, Paul, 118 Prince St.	Reidsville
Roland, Golden	Aurora
Scarlette, James, 409 High St.	Greensboro
Sellers, Sammie Etta, 115 Lee St.	Darlington, S. C.

Shaw, Gladwin Stedman .....	Elizabethtown
Sims, Beatrice Mildred, 112 W. 117th St. ....	New York, N. Y.
Singletary, Albert Sidney Ezra, Route 1, Box 106 .....	Bladenboro
Smith, David Henry, Route 1, Box 85 .....	Garland
Smith, Gladys, Route 1 .....	Scotland Neck
Smith, Mary Louise, 612 Baldwin Ave. ....	Charlotte
Smoot, William Jacque, Jr., 1308 Sloan St. ....	Greensboro
Strickland, Roscoe Clarence .....	Ulah
Stroud, Jesse Omega, 911 Lincoln St. ....	Greensboro
Stroud, Virgil Calvin, 911 Lincoln St. ....	Greensboro
Thomas, Shirley Louise .....	Burlington
Thomas, William Dorld, 406 E. 38th St. ....	Minneapolis, Minn.
Tuck, John Edward, Route 2, Box 68 .....	Roxboro
Walker, Abraham Lincoln, 389 W. Battle St. ....	Talladega, Ala.
Wall, Melvin Lloyd, P. O. Box 801 .....	Albemarle
Wallace, William Thomas, Jr., 222 Regan St. ....	Greensboro
Wallington, Bettie Susie .....	Union, W. Va.
Walters, Joseph Chesterfield, P. O. Box 201 .....	Warsaw
Ward, Mary Magdalyne, 625 Main St. ....	Farmville, Va.
White, Lowell Percell, 604 Redford St. ....	Farmville, Va.
Williams, Booker T., Route 3, Box 66½ .....	Enfield
Williams, Bradley Joseph, 117 Garland St. ....	Greensboro
Williams, Kenneth, Route 3, Box 163 .....	Littleton
Williamson, Clarence O'Berry, Route 2, Box 63 .....	Clinton
Wilson, Audrey Viola, 916 Milton St. ....	Durham
Winstead, John Selner, Route 3, Box 152 .....	Roxboro
Withers, Robert B., 519 Bennett St. ....	Greensboro
Wray, John Dudley, 150 N. Dudley St. ....	Greensboro
Young, Inez Thaxter, 2430 W. Federal St. ....	Philadelphia, Pa.

**SPECIAL STUDENTS**

Artis, Isaae Amos .....	Greensboro
Bell, Rupert Guillume, 1018 Watkins St. ....	Winston-Salem
Brown, Allen .....	Pollocksville
Burge, Laura Means, 1615 E. Market St. ....	Greensboro
Clarke, Annie Belle, 908 E. Washington St. ....	High Point
Harris, Charlie Willie, 1220 E. Market St. ....	Greensboro
Foushee, Blanche Sapp, 839 Austin St. ....	Greensboro
Jenkins, Benjamin Harrison, 312 Maple St. ....	Ahoskie
Johnson, Ruth Zenobia, 527 Macon St. ....	Greensboro
Leonard, Winston Salem, 356 North St. ....	Talladega, Ala.
Mitchell, Wallace L., 717 E. Martin St. ....	Raleigh
Riddick, Walter Harrison, 765 Washington Ave. ....	Norfolk, Va.
Saxton, Felicia L., 47 Short St. ....	Asheville

Walker, Dorothy Manley, Mrs., 82 King St. .... Hertford  
Wallace, Margaret Louise, 222 Regan St. .... Greensboro

#### TRADE STUDENTS

Alston, Harvey, 1501 Fayetteville St. .... Durham  
Burnett, Thomas, 310 Pierce St. .... Washington  
Carroll, William Anthony, Route 2, Box 28 .... Macon  
Christian, Joseph Beaufort, 308 E. Ninth St. .... Winston-Salem  
Colson, Alberta .... Wadesboro  
Curry, James Dockery, Route 1 .... St. Pauls  
Davis, W. Ernest .... Cullowhee  
Farrington, Vivien Melba, 410 Thomas St. .... Durham  
Galloway, Garfield, Route 4, Box 183 .... Reidsville  
Grimes, William T., 714 Summit Ave. .... Greensboro  
Hursey, Julius Hinton, Route 1, Box 431 .... Hamlet  
Lane, Allen Gaston, Box 495 .... Somerset, Va.  
Lawson, James Henry .... Reidsville  
Lutrelle, George Thomas, 517 N. E. Main St. .... Rocky Mount  
Morton, William, Route 3 .... Oxford  
O'Neal, Dempster E., 4221 W. Market St. .... St. Louis, Mo.  
Pasley, Scottie Morris, 105 Wells Ave., N. W. .... Roanoke, Va.  
Phillips, Stephen, Route 3, Box 412 .... Wetumpka, Ala.  
Ruffin, Russell, Route 1, Box 100 .... Garysburg  
Savage, Charlie L., Box 23 .... Drum Hill  
Snipes, Roger, Route 1, Box 124 .... Hundel Mill  
Speller, David George, Route 4, Box 100 .... Windsor  
Taylor, Cullen, Jr., 171 Herald St. .... Rochester, N. Y.  
Walter, Lucious .... Fairmont

**SUMMER SESSION, 1933****First Session**

Adams, Carolyn Rebecca, Miss, Route 1, Box 112 .....	Danville, Va.
Alston, Vallie Lenora, Miss .....	Siler City
Anderson, Martha C., Miss .....	Oxford
Arledge, Odessa, Miss, 501 Benbow Road .....	Greensboro
Armwood, W. A., Jr., Brewer Junior College .....	Greenwood, S. C.
Artis, Isaac A. ....	Greensboro
Atkins, Lula M., Mrs. ....	Candor
Bailey, Sallie L., Miss., 831 First St. ....	Lackawanna, N. Y.
Banner, Mary E., Miss, 176 S. Georgia Ave. ....	Concord
Barrier, Josephine, Miss .....	Greensboro
Bogue, Lillia J., Miss, 605 Euclid Ave. ....	Elizabeth City
Branch, Mary Lois, Miss .....	Murfreesboro
Bright, James Francis .....	Magnolia
Briley, Maggie F., Mrs. ....	Tarboro
Broadnax, Ruth, Miss, 24 Holderby St. ....	Reidsville
Broome, Taft Howard .....	Dallas
Brown, Agnes Claudia, Miss, 414 N. Regan St. ....	Greensboro
Brown, Essie Marie, Miss, 700 Benbow Road .....	Greensboro
Brown, Josephine Elsie, Miss, 1420 E. Market St. ....	Greensboro
Brown, Josephine Stephens, Mrs. ....	Winston-Salem
Browning, James Calvin, 617 S. Ashe St. ....	Greensboro
Burrell, Annie Irene .....	Chase City, Va.
Campbell, John A. ....	Lillington
Capel, E. M., Mrs., 309 Salisbury St. ....	Wadesboro
Capel, Elizabeth Janet, Miss, Box 103 .....	Candor
Capott, Russell Joseph .....	Norfolk, Va.
Carson, Emily M., Miss, 612 W. Concord St. ....	Morganton
Carson, Luciel, Miss .....	Morganton
Carter, Mary A., Miss .....	Reidsville
Chapman, Helen Cornelia, Miss, Route 2, Box 164 .....	Greensboro
Charlton, James E., 136 E. Carteret St. ....	Edenton
Corrie, Ruth Cherry, Mrs. ....	Hickory
Clark, Irma C., Miss .....	Hickory
Cooper, Charlotte L., Miss, 248 W. 154th St. ....	New York, N. Y.
Cooper, George W. ....	Hertford
Corry, Izetta, Mrs. ....	Blacksburg, S. C.
Corry, John .....	Blacksburg, S. C.
Crawford, Imogene Bigelow, Mrs., Route 2, Box 235 ....	Greensboro
Daniels, Lucille, Miss, 314 Tyson St. ....	Greenville
Davis, Ralph H. ....	Sylva
Dean, Louise, Miss .....	Spartanburg, S. C.

Dean, Lucille M., Miss, 1010 E. Market St. ....	Greensboro
Dillard, Hassie L., Miss .....	Leaksville
Dillard, Jeannette, Miss, 1600 Lindsay St. ....	Greensboro
Dillard, N. L., 117 Holderby St. ....	Reidsville
Dobbs, Lillie King, Mrs., Route 1 ....	Reidsville
Dockery, Emma Lucille, Miss, 546 Green St. ....	Statesville
Dixon, Georgia E., Mrs. ....	Cherryville
Dupree, Ollen A., 604 Tyson St. ....	Greenville
Eberhardt, William Hale ....	Greensboro
Edwards, Ruth N., Miss, Box 264 ....	Weldon
Elliot, E. Arshtree, 58 Dobbs St. ....	Hertford
Ellis, Willie M. Hines, Mrs. ....	Salisbury
Evans, Otis E., 500 Boyd St. ....	Greensboro
Faison, Othell, Miss .....	Warsaw
Faucette, Elizabeth Nina, Miss, Route 4 ....	Burlington
Faucette, Eunice M., Miss, Route 4 .....	Burlington
Faucette, Homer G., Route 4 .....	Burlington
Faucette, Johnsie E., Miss, Route 4 .....	Burlington
Faulks, Samuel R., Route 2, Box 450 ....	Greensboro
Fletcher, Clara Mae, Miss .....	Rockingham
Forney, Dorus E. ....	Hickory
Foster, Lettie Lyles, Miss, P. O. Box 34 ....	Liberty
Fox, Louise Raiford, Mrs., 841 Austin St. ....	Greensboro
Franks, Marjorie M., Miss .....	Asheboro
Franklin, Betsy Anne .....	Madison
Gaffney, James E., Box 453 .....	Gaffney, S. C.
Gaffney, J. E., Mrs., 413 E. Frederick St. ....	Gaffney, S. C.
Galloway, Drewella F., Miss, 1116 E. Market St. ....	Greensboro
Galloway, Lillian Hortense, Miss, 1116 E. Market St. ....	Greensboro
Gardner, Mary S., Mrs. ....	Ellenboro
Gaston, Rosa Agnes, Miss, 524 S. 12th St. ....	Hickory
Gilliam, Willie M., Miss, S. Craig St. ....	Salisbury
Gilreath, Grace Virginia, Miss .....	Wilkesboro
Gould, Picola Willie, Miss, Box 992 .....	Hamlet
Grant, Ernest Elisha .....	Asheboro
Graves, Fannie Roberta, Miss, Route 5, Box 13 ....	Greensboro
Graves, Berney Keck, Mrs., 1210 Sloan St. ....	Greensboro
Graye, Mytrolene L., Miss, 428 Neff St. ....	Jackson, Tenn.
Greene, Nannie G., Miss, 1100 Kent St. ....	Durham
Griffin, Alfred J., Jr. ....	High Point
Hagins, Sadie L. Whitsett, Mrs., 1015 Lindsay St. ....	Greensboro
Hairston, Ludie, Mrs. ....	Martinsville, Va.
Hall, Elanche L., Miss, 806 Red Cross St. ....	Wilmington
Harris, Edward M., 1812 Madison Ave. ....	Greensboro

Harris, Rosa Gertrude, Miss .....	Pekin
Harris, R. L., Mrs., 527 Reid St. ....	Greensboro
Harris, Wrenton O., 526 Macon St. ....	Greensboro
Hayes, Ethel E., Mrs., 406 Law St. ....	Greensboro
Hayes, Ruby, Miss .....	Boomer
Hayes, Suella E., Mrs., 442 N. Dudley St. ....	Greensboro
Hazel, Mabel Irene, Miss .....	Burlington
Hazel, Lorine Margaret, Miss .....	Burlington
Hill, Dollie A., Miss, 141 Beech St. ....	Greensboro
Hinnant, Rose B., Mrs., 915 Benbow Road .....	Greensboro
Hilmes, Katie B., Miss .....	Clinton
Holloman, Esther D., Mrs., 435 N. Dudley St. ....	Greensboro
Hollowell, James L., 638 Walker St. ....	Statesville
Holt, Ernest W. ....	Greensboro
Holt, Dorothy, Miss, Box 117 .....	Graham
Horne, Alcia Frances, Miss .....	Wadesville
Houseton, Lillian Tyson, Mrs., 1012 Benbow Road .....	Greensboro
Ingram, Veda Mae, Miss, Route 1, Box 34 .....	Lilesville
Jackson, Clara Mae, Miss, Box 63 .....	Tryon
Johnson, J. F. ....	Minturn, S. C.
Johnson, Robert William, Route 4, Box 245 .....	Washington
Jones, John Hooper .....	Whiteville
Jones, Rudolph, Box 182 .....	Winton
Jordon, George R., 1112 McGhee St. ....	Greensboro
King, Ollie M. Johnson, Mrs. ....	Ruffin
Kirk, Fannie Barringer, Mrs. ....	High Point
Koontz, Herma Leola, Miss, 509 S. Shaver St. ....	Salisbury
Lander, Mozelle Cloud, Mrs., 203 Underhill St. ....	High Point
Lane, Alberta, Miss, Route 4, Box 1A .....	Laurinburg
Lassiter, Louise Spicer, Mrs., 703 W. Thomas St. ....	Rocky Mount
Latham, Wiley J., 724 S. East St. ....	Raleigh
Ledbetter, Bessie Lee, Miss .....	Rockingham
Lilly, Margaret B., Miss .....	Asheboro
Lilly, Mary Reid, Mrs., 309 Salisbury St. ....	Wadesboro
McCallum, Estelle, Miss, Route 3, Box 407 .....	Greensboro
McCallum, Carsie Betty, Mrs., Route 3, Box 407 .....	Greensboro
McDonald, Malta, Miss, 711 Reid St. ....	Greensboro
McDuffie, Emanuel M., Jr., Laurinburg Inst. ....	Laurinburg
McKethan, Glennia M., Mrs., 211 N. Dudley St. ....	Greensboro
McKoy, Annie Lee, Miss .....	Evergreen
McLaurin, Bennie Evelyn, Miss .....	Laurinburg
McMillan, Lena B., Mrs., 410 High St. ....	Greensboro
McNeil, Naomi, Miss .....	Laurel Hill
McRae, Esther Grace, Miss .....	Troy

McRae, J. F., 807 E. Nash St.	Wilson
May, Hazel F., Miss	Thomasville
Metz, Melissa E., Miss, P. O. Box 15	Edisto Island, S. C.
Miller, Madeline Rivers, Mrs., 410 High St.	Greensboro
Miller, Mary L., Miss, Route 3	Forest City
Miller, Maud, Miss	Greensboro
Mitchell, Annie R., Mrs.	Bolton
Mitchell, Clara, Miss	Woodsdale
Mitchell, Marie, Miss	Freeman
Mock, Odessa Celia, Miss, 115 Turner St.	Thomasville
Moffitt, James Wesley, 907 Lincoln St.	Greensboro
Monroe, Eugene, 1010 19th St.	St. Petersburg, Fla.
Morrow, Archibald H., 705 Hargrave St.	Winston-Salem
Murdock, Cecelia D., Mrs., 517 Harvard St.	Washington, D. C.
Owens, Arnetta Louise, Miss	Southern Pines
Owens, Eula B., Mrs.	Hendersonville
Paige, Mamie F., Miss, 507 McKinley St.	Greenville
Peace, William H.	Raleigh
Peace, Samuel B., 526 Macon St.	Greensboro
Pearsall, Willie M., Mrs.	Greensboro
Penn, Fannie C., Miss	Reidsville
Pettway, Dempsey, Jr.	Warrenton
Pickett, Clyde W., 502 Queen St.	Beaufort
Poole, Alice Williamson, Mrs.	Ruffin
Price, Frederick A.	Princess Anne, Md.
Richardson, Sadie E., Miss, 463 Salisbury St.	Wadesboro
Riggs, Bessie L. McRae, Mrs.	Wadesboro
Robinson, Daisy Patterson, Mrs.	Pee Dee
Robinson, Rachel, Miss, 520 Marsh St.	Greensboro
Rover, Martha B., Mrs., Box 234	Martinsville, Va.
Sapp, Blanche, Miss, 839 Austin St.	Greensboro
Sapp, William E., Route 3, Box 393A	Greensboro
Sasser, Elna Julie, Miss	Goldsboro
Scotton, Elizabeth, Miss	Asheboro
Scurlock, David P.	Raeford
Sessoms, Mildred, Miss, 304 Beech St.	Greensboro
Setzer, Mary Brown, Mrs.	Greensboro
Shaw, Eloise, Miss, 2202 E. Market St.	Greensboro
Shaw, Hattie Belle, Miss, 2202 E. Market St.	Greensboro
Sinclair, E. D., 213 N. Dudley St.	Greensboro
Smith, Annie Louis, Miss, Route 2, Box 18	Liberty
Smith, Dorothy E., Miss, 254 Broom Ave.	Versailles, Ky.
Smith, Helen G., Miss	Rocky Point
Smith, Robert Alston, Jr., 603 9th Ave.	Hickory

Smith, Thelma Pitts, Mrs., 626 Warren St.	Greensboro
Snipes, James T.	Chapel Hill
Spencer, Leander Essex, 32 Ann St.	Ossining, N. Y.
Spivey, John S., 1121 Red Cross St.	Wilmington
Spivey, Margaret Lofton, Mrs., 1121 Red Cross St.	Wilmington
Stancil, Katie Catherine, Miss	Ellerbe
Stanley, Clara B., Mrs., 1283 Paxton St.	Danville, Va.
Steele, Willie Shaw, Mrs.	Lillington
Street, Lessie Janes Naomi, Miss, Route 2, Box 17	Greensboro
Strickland, W. H.	Ulah
Swinson, Green T.	Stantonsburg
Tatum, Catherine, Miss	Greensboro
Tatum, Marian Christine, Miss	Greensboro
Taylor, Alice, Miss	Wake Forest
Taylor, Mary Elizabeth, Miss	Wake Forest
Thomas, Grace J., Miss	Troy
Thomas, Ilva H., Miss, 1248 Girard St., N. W.	Washington, D. C.
Thompson, A. Fuller	Faison
Thompson, Edna Mona, Miss, 1008 E. Bragg St.	Greensboro
Thompson, Louis W., Jr.	Asheville
Thompson, Robenia W., Miss, Route 3	Sanford
Timmons, Essie Josephine, Miss, 317 Gant St.	Greensboro
Tonkins, Lennie Ardora, Miss, Route 3, Box 164	Greensboro
Towns, Eva Anthony, Miss, 606 E. Washington St.	High Point
Vick, Doris Vivien, Miss	Wilson
Wade, Annie B., Miss	Greensboro
Walker, Arnold George, 389 W. Battle St.	Talladega, Ala.
Walker, Margaret B., Mrs., Brainerd Inst.	Chester, S. C.
Walters, Edna Robinson, Mrs., 1020 Perkins St.	Greensboro
Watlington, Pearl Blanche, Miss	Greensboro
Watson, Paul E.	Smithfield
Watts, Zelma B., Mrs., 247 Cleveland St.	Danville, Va.
Wiggins, Orine B., Miss, 402 Scott St.	Spartanburg, S. C.
Wiley, Kenyon, Miss, Route 1, Box 41	Corbett
Williams, Irene Avery, Mrs.	Magnolia
Williams, Lucy E., Miss, 605 McLees St.	Greenwood, S. C.
Williams, Maud J., Mrs., 1716 9th St., N. W.	Washington, D. C.
Williams, Charles L., 609 S. East St.	Raleigh
Wilson, Gertrude, Mrs., 943 Tea St.	Washington, D. C.
Wilson, W. G.	Lamden, Ala.
Witherow, Clima L., Miss, Route 1, Box 39	Landrum, S. C.
Wooten, Rosa Lee, Miss, Box 294	Goldsboro
Worthy, Laura Rebecca, Miss, Route 1	Sanford
Wyche, Ethel, Miss	Henderson
Yarborough, Josephine W., Mrs.	Henderson

## SUMMER SESSION, 1933

## Second Session

Anderson, Martha, Miss .....	Oxford
Arledge, Odessa, Miss, 501 Benbow Road .....	Greensboro
Artis, Isaac A. ....	Greensboro
Atkins, Lula M., Mrs. ....	Candor
Atwater, Bettie E., Miss, 706 Pickett St. ....	Durham
Avant, Sara E., Miss, 813 Red Cross St. ....	Wilmington
Barrier, Josephine, Miss .....	Greensboro
Briley, Maggie, Mrs., 107 South Main St. ....	Tarboro
Beatty, Fannie, Miss .....	Charlotte
Black, Naomi, Miss .....	Coneord
Bogue, Lillian, Miss, 605 Euclid Ave. ....	Elizabeth City
Branch, Marion Lois, Miss .....	Murfreesboro
Bright, James F. ....	Magnolia
Brooks, Beulah F., Mrs., 1502 E. Market St. ....	Greensboro
Broome, Taft H. ....	Dallas
Brown, Josephine Elsie, Miss, 1420 E. Market St. ....	Greensboro
Brown, Josephine Stephens, Mrs. ....	Elizabethtown
Browning, James C., 1617 S. Ashe St. ....	Greensboro
Bruton, Gatsey F., Box 33 .....	Wadeville
Butler, Daniel Cornel, 608 Jenkins St. ....	Greenville, S. C.
Capel, Elizabeth, Miss .....	Candor
Carter, Marie Jeannette, Miss, 178 Fayette St. ....	Martinsville, Va.
Chapman, Helen Cornelia, Miss, Route 3, Box 164 .....	Greensboro
Clark, Annie, Miss, 612 S. Clay St. ....	Salisbury
Cooper, George W. ....	Hertford
Cooper, Charlotte L., Miss, 248 W. 154th St. ....	New York City
Cooper, Nettie G., Miss .....	Bowden
Crawford, Imogen B., Mrs., Route 2, Box 235 .....	Greensboro
Davis, Ralph H. ....	Sylva
Dillard, Jeannette, Miss, 1600 Lindsay St. ....	Greensboro
Dixon, Georgia E., Mrs., Box 251 .....	Cherryville
Dockery, Lucille E., Miss, 546 Green St. ....	Statesville
Eberhardt, William Hale .....	Greensboro
Elliott, E. Arshtree, 58 Dobbs St. ....	Hertford
Ellis, Willie M. Hines, Mrs., 100 S. Fulton St. ....	Salisbury
Evans, Otis E., 500 Boyd St. ....	Greensboro
Falls, Ruba A., Miss .....	Dallas
Faie, Ruth D., Miss, 1621 Two Notch Road .....	Columbia, S. C.
Faucette, Homer G. ....	Burlington
Fletcher, Clara Mae, Miss .....	Rockingham
Foushee, Blanch M., Miss .....	Glendon

Franks, Marjorie M., Miss .....	Asheboro
Gaston, Rose Agnes, Miss, 525 S. 12th St. ....	Hickory
Grant, Elisha E. ....	Asheboro
Harris, Wrenton O., 526 S. Macon St. ....	Greensboro
Harris, E. M., 1812 Madison Ave. ....	Greensboro
Harris, Annie Day, Miss, 922 Pickard St. ....	Durham
Harris, Roberta L., Mrs., 527 High St. ....	Greensboro
Hayes, Ethel E., Miss, 406 Law St. ....	Greensboro
Hazel, Mabel Irene, Miss .....	Burlington
Hill, Dollie Anne, Miss, 141 Beech St. ....	Greensboro
Hill, Emma Dora, Miss, 909 3rd St. ....	Durham
Holloman, Esther D., Mrs., 435 N. Dudley St. ....	Greensboro
Holloway, Evelyn M., Mrs. ....	Sedalia
Holloway, Herbert M. ....	Sedalia
Hollowell, J. Leslie, 638 Walker St. ....	Statesville
Holt, Ernest W. ....	Wilson Mills
Holt, Willie Lee, Miss, 718 S. Ashe St. ....	Greensboro
Jackson, Clara M., Miss, Stoney St. ....	Tryon
Jones, Elbert E., Route 6, Box 86 ....	Henderson
Jones, John Hooper .....	Whiteville
Kelley, Martha A., Miss, Box 44 .....	Jonesboro
King, Ollie M. Johnson, Mrs. ....	Ruffin
Lander, Mozelle Cloud, Mrs., 203 Underhill Ave. ....	High Point
Lassiter, Louise Spicer, Mrs., 703 W. Thomas St. ....	Rocky Mount
Lilly, Margaret B., Miss .....	Asheboro
Locke, Fannie S., Miss, 1006 W. Monroe St. ....	Salisbury
Lyon, Annie L., Miss, 620 Dunbar St. ....	Durham
McAdoo, Arthur F., Route 4, Box 252 ....	Greensboro
Mason, Dorie, Miss, Route 4, Box 21 .....	Durham
May, Hazel F., Miss .....	Thomasville
Meacham, Levie Carl .....	King's Creek, S. C.
Metz, Melissa E., Miss, Box 15 .....	Edisto Island, S. C.
Miller, Ernest E., 405 Robson St. ....	Fayetteville
Miller, Mary L., Miss, Route 3 .....	Forest City
Mock, Odessa C., Miss, 55 Turner St. ....	Thomasville
Monroe, Eugene, 1010 9th St. ....	St. Petersburg, Fla.
Morris, Mary E., Miss, 217 Dorland St. ....	Concord
Muldrow, Leonard G., Box 335 .....	Chadbourn
McDuffie, Emanuel M., Jr., Laurinburg Inst. ....	Laurinburg
McKethan, Glennia M., Mrs., 211 N. Dudley St. ....	Greensboro
McLaurin, Bennie Evelyn, Miss, 608 Taft St. ....	Laurinburg
McRae, J. F., 807 E. Nash St. ....	Wilson
McRae, Esther Grace, Miss .....	Troy
Paige, Maime F., Miss, 507 McKinley St. ....	Greensboro

Prince, Frederick Adolphus .....	Princess Anne, Md.
Reeves, Bernice Reid, Mrs. ....	Belmont
Richardson, Sadie E., Miss, 463 Salisbury St. ....	Wadesboro
Roberts, B. D. ....	Shelby
Robinson, Daisy, Mrs. ....	Pee Dee
Rover, Martha B., Mrs., 717 High St. ....	Martinsville, Va.
Sapp, William E., Route 3, Box 393A .....	Greensboro
Sasser, Elna Juliet .....	Goldsboro
Scotton, Elizabeth, Miss .....	Asheboro
Shute, Iona L., Miss, 1736 W. Trade St. ....	Charlotte
Sledge, R. E., Miss, 30 Lexington Ave. ....	Mt. Clair, N. J.
Smith, Annie Louis, Miss, Route 2, Box 18 .....	Liberty
Smith, Robert Alston, 603 9th Ave. ....	Hickory
Stanback, A. Leon .....	Chester, S. C.
Spencer, Dulcina Adams, Mrs. ....	Belmont
Spencer, Leander Essex, 32 Anne St. ....	Ossining, N. Y.
Spivey, John S., 1121 Red Cross St. ....	Wilmington
Stanley, Clara A., Mrs., 1283 W. Paxton St. ....	Danville, Va.
Starlins, Annabelle Dunston, Mrs., 409 S. Blount St. ....	Raleigh
Steele, Willie Shae, Mrs., Route 2 .....	Lillington
Street, Lessie N. J., Miss, Route 2, Box 17 .....	Greensboro
Strickland, Willard H. ....	Ulah
Sullivan, Hyland G., Box 243 .....	Lexington
Sutton, Rosalee W., Mrs. ....	Sedalia
Swinson, Green T. ....	Stantonsburg
Tatum, Marian Christine, Miss, 409 N. Dudley St. ....	Greensboro
Taylor, Mary Elizabeth, Miss .....	Wake Forest
Taylor, Bessie, Mrs. ....	Wake Forest
Thompson, A. Fuller .....	Faison
Thompson, Edna Mona, Miss, 1008 E. Bragg St. ....	Greensboro
Thompson, Walter J., 85 King St. ....	Hertford
Towns, Eva A., Mrs., 606 E. Washington St. ....	High Point
Wade, Anna Belle, Miss, Route 1, Box 112 .....	Greensboro
Walker, Arnold G. ....	Talladega, Ala.
Walker, Margaret B., Mrs., Brainerd Inst. ....	Chester, S. C.
Wallace, Janie B., Miss, 817 E. 8th St. ....	Charlotte
Watts, Zelma Watts, Mrs., Route 1, Box 36 .....	Blanch
Wooten, Rosa Lee, Miss, Box 234 .....	Goldsboro
Wilson, Gertrude N., Mrs., 943 Tea St., N. W. ....	Washington, D. C.
Wilson, W. G., 943 Tea St., N. W. ....	Washington, D. C.
Wise, Essie M. B., Mrs., 700 Benbow Road .....	Greensboro
Williamson, Ida G., Miss, Box 56 .....	Ruffin
Wynn, Mary Sutton, Mrs., 16 William St. ....	New Bern

## ENROLLMENT IN EXTENSION DIVISION 1933-1934

**ABERDEEN**

Byrd, Lillian Atlanta, Miss .....	Aberdeen
Byrd, Verona M., Miss .....	Aberdeen
Clark, Cleopatra, Miss .....	Aberdeen
Dowdy, Emma, Miss .....	Southern Pines
Faucette, Homer G., Route 4 .....	Burlington
Harris, Lillian J. Douglas, Mrs. ....	Aberdeen
Hasty, Wilma G., Miss .....	Southern Pines
McRae, J. F., 807 E. Nash St. ....	Wilson
McRae, Mary L., Mrs., 807 E. Nash St. ....	Wilson
Martin, Callie, Miss .....	Pinehurst
Mitchell, Laura Taylor, Miss, 522 Russell St. ....	Fayetteville
Hasty, Wilma G., Miss .....	Southern Pines
Perkins, Andrew W. ....	Hoffman
Perkins, Elizabeth, Miss .....	Hoffman
Raines, Vela Doris, Miss, Box 312 .....	Pinehurst
Robinson, Olivia, Miss .....	Hickory
Saunders, James T. ....	Southern Pines

**ASHEBORO**

Brewer, Flossie, Mrs. ....	Asheboro
Chambers, Frankie Lola, Miss .....	Asheboro
Chriscoe, Marie Myrtle, Miss, 33 Greensboro St. ....	Asheboro
Davie, Ruth Alston, Mrs., Route 4, Box 4 .....	Oxford
Fox, William .....	Randleman
Hardy, Louise Watkins, Mrs., Box 253 .....	Asheboro
Harrison, Mary Adelaide, Miss .....	Farmer
Hawshaw, Thomas G. ....	Asheboro
Hill, Effie J., Miss .....	Asheboro
Hill, Mable, Miss .....	Asheboro
McCoy, Effa Reid, Mrs., 31 Greensboro St. ....	Asheboro
Simpson, Julia, Miss, 37 Greensboro St. ....	Asheboro
Staley, Martha E., Miss .....	Asheboro
Strickland, Willard H. ....	Asheboro
Wallace, Addie, Miss .....	Randleman

**BURLINGTON**

Albright, John W. ....	Burlington
Chandler, Sadie, Mrs. ....	Graham
Coble, Augusta, Miss .....	Burlington
Cooper, Mamie Rogers, Mrs. ....	Greensboro
Corbett, Lucy Margaret, Miss, 125 N. Dudley St. ....	Greensboro

Couch, Charles Henry .....	Durham
Day, Juanita, Miss, 142 Mitchell St. ....	Greensboro
Drewery, Nannie, Miss, 656 S. Nicholas Ave. ....	New York City
Faucette, Elizabeth N., Miss .....	Burlington
Faucette, Eunice M., Miss .....	Burlington
Faucette, Herman H., Route 4, Box 113 .....	Burlington
Graves, Addie, Miss .....	Gibsonville
Gunn, J. F., Mrs., Box 144 .....	Burlington
Hawkins, Belle T., Mrs., Box 706 .....	Burlington
Hawkins, O. W., Rev., Box 706 .....	Burlington
Headen, Fannie B., Miss, Bennett St. ....	Greensboro
Holt, Ava L., Miss, Route 3, Box 114 .....	Burlington
Holt, Lizzie L., Mrs. ....	Gibsonville
Holt, Mary Rogers, Mrs. ....	Burlington
Ingram, Geneva C. B., Mrs. ....	High Point
Keck, Fostena E., Mrs. ....	Burlington
McRae, Merle B., Mrs., Box 802 .....	Burlington
Moore, Grace, Miss .....	Burlington
Pittman, Pearl Hoover, Mrs. ....	Burlington
Poole, Mable, Mrs. ....	Graham
Robinson, Minetta V., Miss, 110 Normal St. ....	High Point
Rogers, Annie P., Mrs. ....	Graham
Sharpe, Lessie Irvin, Mrs., 617 S. Ashe St. ....	Greensboro
Walker, Minnie A., Mrs., Box 833 .....	Burlington
Wilson, Carrie Spaulding, Mrs. ....	Graham
Worth, Thomas R., Route 1 .....	Haw River

**CARTHAGE**

Barrett, Bessie Johnson, Mrs., Route 1 .....	Cameron
Barrett, Emma L., Miss .....	Carthage
Blaylock, Bettie E., Miss, Route 6, Box 60 .....	Fayetteville
Blue, Annie Wood, Mrs. ....	Carthage
Gaston, Albert S., 132 W. County St. ....	Phoebus, Va.
Gaston, Annie L., Mrs., 132 W. County St. ....	Phoebus, Va.
Gunter, Elon L., Miss, Route 1, Box 45 .....	Cameron
Harrington, Ollie Smith, Mrs., Route 1, Box 147 .....	Cameron
Jackson, Carter T. ....	Carthage
Lee, Lillie Person, Mrs., Route 2, Box 40 .....	Carthage
McRae, J. F. ....	Aberdeen
Matthews, Ethel J., Miss, Route 1 .....	Cameron
Penman, James T., Route 2 .....	Lancaster, Ky.
Person, Priscilla, Miss, Route 1, Box 8 .....	Carthage
Tillman, Tarba L., Miss .....	Winnsboro
Watson, Paulins L., Miss, 1022 Woodland Ave. ....	Winston-Salem

**GREENSBORO**

Bradford, E. P., Mrs.	Greensboro
Cotton, Eunice Vivien, Mrs., 513 Boyd St.	Greensboro
DeHuguley, Clyde, 360 W. Bragg St.	Greensboro
Dennis, Fannie Davis, Mrs., 436 N. Dudley St.	Greensboro
Dickerson, Salome, Mrs., 109 N. Regan St.	Greensboro
Dillard, Katrine, Miss, 713 S. Ashe St.	Greensboro
Falkener, Ralph C. S., 131 N. Dudley St.	Greensboro
Grier, Alma, Miss, 406 Stewart St.	Greensboro
Holloman, Esther D., Mrs. 435 N. Dudley St.	Greensboro
Huntley, Bertina L., Miss, 904 S. Ashe St.	Greensboro
Jones, Sallie Ida, Miss	Townsville
Laughlin, Duella McRae, Mrs., 1701 E. Market St.	Greensboro
McCullough, Catherine L., Miss, 904 S. Ashe St.	Greensboro
Mitchell, Mattie B., Mrs., 1009 Lindsay St.	Greensboro
Reid, Willie Belle, Mrs., 163 W. McCulloch St.	Greensboro
Robinson, Rachel, Miss, 520 Marsh St.	Greensboro
Smith, Thelma Pitts, Mrs.	Greensboro
Tatum, Catherine, Miss, Route 4, Box 5	Greensboro
Washington, Nannie G., Mrs., 404 Banks St.	Greensboro
White, Kittie, Miss, 346 Regan St.	Greensboro

**LAURINBURG**

Bethea, Annie Marcelle Jackson, Miss	Laurinburg
Blackman, Lula, Miss	Hasty
Burney, Eunice L., Miss	Clarkton
Ford, Ethel Lee	Laurinburg
Hines, Halletta E., Mrs.	Laurinburg
Hough, David King	Gibson
Johnson, Isaac Ellis	Laurinburg
Lane, Alberta, Miss	Laurinburg
Leake, Lucy Belle Mildred, Miss, 202 Gulf St.	Laurinburg
Love, Odessa C., Mrs.	Fayetteville
Lyteh, Roy E.	Laurinburg
McEachin, Willie P. McCall, Mrs.	Laurinburg
McKinnon, Anna D., Miss	Bennettsville, S. C.
McLester, Jennie Lee, Miss	Camden, S. C.
McNair, Olivia, Miss	Laurinburg
McNeill, Gertrude, Mrs.	Laurinburg
Mack, Leona E., Miss	Darlington, S. C.
Parker, Alice L., Mrs.	Laurinburg
Pugh, Thelma D., Miss, 698 S. Main St.	Darlington, S. C.
Sanders, Geneva Hall, Mrs., 242 Gulf St.	Laurinburg
Shaw, Ruth McLeod, Mrs., Route 2	Laurinburg

Shaw, Odessa F., Miss .....	Wagram
Shaw, Emma Ruth, Mrs., Route 2 .....	Laurinburg
Smith, Isabelle Tolbert, 107 Wall St. ....	Laurinburg
Troy, Edith Haar, Mrs. ....	Council
Wilcox, Eunice, Miss .....	Maxton

**LIBERTY**

Baldwin, Fannie Mae, Miss, 106 Beamon St. ....	High Point
Alston, Vallie L., Miss, Route 3, Box 148 .....	Siler City
Cranford, Clara B., Miss .....	Asheboro
Foster, Lettie Liles, Mrs. ....	Liberty
Foster, Orion P., Mrs., Box 671 .....	Burlington
Foster, Pluma L., Mrs., Box 671 .....	Burlington
Fox, Louise Raeford, Mrs., 841 Austin St. ....	Greensboro
Gilmer, Mary L., Miss .....	Liberty
Greer, Maud C., Miss, 406 Stewart St. ....	Greensboro
Lilly, Margaret B., Miss .....	Asheboro
McCleave, Allen F. ....	Goldston
McCleave, Annie B., Mrs. ....	Goldston
Moffitt, Mattie A., Mrs., 907 Lincoln St. ....	Greensboro
Newberry, Julia E., Mrs. ....	Liberty
Scotton, Elizabeth M., Miss .....	Asheboro
Smith, Louise Annie, Miss, Route 2, Box 18 .....	Liberty
Thompson, Robenia Willie, Route 3 .....	Sanford

**LUMBERTON**

Allen, J. E., Mrs., Route 1, Box 61 .....	Lumberton
Anderson, Katie B., Mrs. ....	Lumberton
Barr, Cora Lee, Miss .....	Red Springs
Brotherton, Katie McLean, Mrs., Box 412 .....	Lumberton
Buie, Josephine, Miss .....	Lumberton
Currie, Catharine, Mrs., Route 1, Box 127 .....	St. Paul
Dunston, Mary Lee, Miss .....	Franklinton
Elliott, Junious .....	Fayetteville
Floyd, Cara Flood, Mrs. ....	Lumberton
Floyd, Pervelia, Miss .....	Fairmont
Haggins, Bernice B., Miss .....	Fairmont
Harlee, Katie, Miss .....	Elrod
Harrell, Hollie, Mrs., Route 1, Box 60 .....	St. Paul
Humphrey, Clara, Miss, Route 3 .....	Lumberton
Humphrey, Zetta, Miss, Route 3 .....	Lumberton
Johnson, Ollie Mae, Mrs., 1423 5th Ave. ....	Hickory
King, Emma, Mrs. ....	Fairmont
Lewis, Atalanta E., Mrs. ....	Lumberton
Love, Emma J., Miss .....	Lumberton

McEachin, M. Cora, Mrs., 201 6th St.	Lumberton
McKay, Carrie V., Mrs.	Lumberton
McKay, Nora B., Miss, Box 441	Fairmont
McKay, S. E.	St. Paul
McKellar, Mamie, Mrs., Box 624	Lumberton
McKethan, H. R.	Goldsboro
McKoy, Hattie, Mrs.	St. Paul
McLean, Maggie B., Miss, Box 412	Lumberton
McMillan, G. E., Miss	Fairmont
McNeill, Inez, Mrs., Box 495	Lumberton
McNeill, Ruth, Mrs.	Lumberton
McQueen, A. J., Mrs.	Rowland
McQueen, Maggie L., Mrs.	Elrod
McQueen, Mattie C., Miss, Route 1, Box 119	Fairmont
Morrissey, Mary L., Mrs.	Lumberton
O'Kelly, James W.	Lumberton
Peppers, Florence Lomax, Mrs., 606 Pine St.	Lumberton
Pittman, Eva, Miss	Fairmont
Powell, Esther Lee, Miss	Lumberton
Powell, Floyd Bessie, Mrs.	Lumberton
Powell, Sarah, Miss, Route 3	Lumberton
Pyne, Mary L. Bell, Mrs., 1002 Pine St.	Lumberton
Roberts, Glauclia, Miss, 605 Gresham Place, N. W., Washington, D. C.	
Scipio, James O.	Chadbourn
Spearman, Carlotta, Mrs.	Lumberton
Spearman, Isadora, Mrs.	Lumberton
Stephens, Katie, Mrs., Route 3, Box 28	Lumberton
Thompson, A. G., Route 3, Box 180	Lumberton
Thompson, Bertha, Miss, Route 3, Box 133	Lumberton
Thompson, Eula L., Miss, Route 5, Box 133	Lumberton
Thompson, James David	Lumberton
Thompson, John A.	Lumberton
Thompson, Theresa Powell, Mrs.	Lumberton
Toon, Georgianna Blount, Mrs.	Lumberton
Williams, Carrie, Mrs.	Marietta
Williams, Carrie Moseley, Mrs.	Lumberton
Wright, Malloy	St. Paul

**MADISON**

Carter, Gertrude E., Miss	Madison
Carter, Mary, Miss	Madison
Galloway, Mabel F., Miss	Madison
Hairston, Annie E., Miss	Pine Hall
Hairston, C. F., Mrs.	Madison

Hairston, Mary P., Mrs.	Madison
Joyce, George L.	Walnut Cove
Penn, M. A., Mrs., 901 Austin St.	Greensboro
Penn, S. A., Rev., 901 Austin St.	Greensboro
Richardson, Charles L.	Benaja
Richardson, Lula J. Brown, Mrs., Route 1, Box 17	Benaja
Scales, Mary J., Mrs.	Madison
Toliver, Crissie M., Mrs.	Sandy Ridge
Wynn, Lutheran A.	Madison

**MAXTON**

Barr, Marie, Miss	Red Springs
Bell, Addie L., Miss, 602 Pine St.	Lumberton
Brewington, Maggie L., Mrs., Box 237	Maxton
Brown, Lucile Jean, Miss	Maxton
Bullard, Alzada, Miss	Purvis
Campbell, Wesley	Maxton
Caple, Kazee, Miss	Maxton
Carpenter, Annette G., Mrs.	Maxton
Cox, Beatrice M., Miss	Maxton
Crawford, Emma Bessie, Miss, Route 1, Box 161	Fairmont
Douglass, Mary, Mrs., Route 2, Box 127	Red Springs
Graham, Carrie L., Miss	Huntersville
Harrington, Garvesta H.	Red Springs
Hawkins, Esther V., Mrs.	Asheboro
Hawkins, Washington	Asheboro
Hayes, Lucy Mildred, Mrs.	Maxton
Johnson, Cora Neville, Mrs.	Maxton
Leach, G. H.	Maxton
Lilly, Wessie J., Miss, Route 2, Box 99	Red Springs
McCallum, Beatrice, Miss, Route 1, Box 189	Maxton
McIver, Ethel Wendell, Miss, Box 214	Manchester
McNair, Bessie Carr, Mrs.	Elrod
McNair, Cora Lee, Miss	Elrod
McNeil, Mary M., Mrs.	Maxton
Malloy, Catherine	Maxton
Malloy, Mary D., Miss	Maxton
Mitchell, Edna Mae, Miss, 705 North St.	Fayetteville
Nicholson, Frances, Miss, 817 Pine St.	Hamlet
Nicholson, Ruth, Miss, 817 Pine St.	Hamlet
Rayford, Edward J., Route 1, Box 93	Rowland
Sciven, Bertha T., Mrs.	Maxton
Shipman, Hancie Mae, Mrs.	Maxton
Thames, Esther Queen, Mrs.	Maxton

**RAEFORD**

Adams, Carrie, Miss .....	Red Springs
Anders, Fred, 505 Walter St. ....	Raeford
Andrews, Magoba, Mrs., 250 McIver St. ....	Fayetteville
Andrews, Mattie M., Miss .....	Fayetteville
Arnette, Bloomer, Miss .....	Marietta
Broadway, Katie Marie, Miss .....	Fayetteville
Care, Lillian, Miss .....	Addor
Carter, Anna D., Miss .....	Whiteville
Casino, Florence P., Mrs., 1107 Perkins St. ....	Greensboro
Chalmers, James Henry .....	Raeford
Dorsey, Lillian M., Miss, 405 N. Seventh St. ....	Wilmington
Evans, L. V. ....	Southern Pines
Gilechrist, Willie Jessie, Miss, Route 1, Box 54 .....	Raeford
Gilmore, Jessie Belle, Miss, 308 Dickson St. ....	Raeford
Gordon, Elizabeth, Miss, 927 Glenbrook Ave. ....	Bryn Mawr, Pa.
Handon, Mamie E., Miss, Route 2, Box 17 .....	Raeford
Handon, Martha, Miss .....	Raeford
Johnson, A. M. ....	Raeford
Kearney, Bertha Ann, Miss, Route 1, Box 171 .....	Tarboro
Kemp, Estella, Miss .....	Fayetteville
Leggette, Ida Belle, Miss .....	Fayetteville
McCormick, Mamie Ethel, Miss, Route 1, Box 30 .....	Raeford
McLaughlin, Joseph .....	Red Springs
McMillan, Mary, Miss, 613 North St. ....	Raeford
Mumford, Lucy Anne, Miss .....	Rockfish
Norman, Celia B., Miss, 500 Euclid Ave. ....	Elizabeth City
Parker, Sarah Amanda, Miss, Route 1, Box 95 .....	Red Springs
Seurlock, Mamie Mitchell, Mrs. ....	Pinehurst
Street, Lessie Jane Naomi, Miss, Route 2, Box 17 .....	Greensboro
Watson, Pearl, Miss, Route 1, Box 113 .....	Red Springs
Williams, Susie, Miss, 270 W. Lincoln St. ....	Hampton, Va.

**THOMASVILLE**

Cunningham, Beatrice, Miss, 504 W. Jacob St. ....	Thomasville
Fairley, Cordie Mae, Mrs. ....	Thomasville
Hagins, Sadie Whitsett, Mrs., 1013 Lindsay St. ....	Greensboro
Hart, Ensley Lillian, Mrs. ....	Thomasville
Hicks, Naomi E., Miss .....	Thomasville
Holley, Ensley Ola, Miss .....	Thomasville
Mabry, Gertrude, Miss, 307 N. Pugh St. ....	Lexington
May, Hazel F., Miss .....	Thomasville
Royster, Adele, Mrs. ....	Stovall
Wells, Virginia Alice, Miss .....	Thomasville
Younge, Ozaree H., Mrs., 121 W. Guilford St. ....	Thomasville

**TROY**

Barnhill, Della, Mrs.	Troy
Barnhill, Marietta, Miss	Troy
Barnhill, O. F. B.	Troy
Blue, Alice Butler, Mrs.	Troy
Blue, James Henry	Troy
Bowden, Annie, Miss	Mt. Gilead
Bowden, Bettie, Miss, Route 3, Box 24	Mt. Gilead
Bruton, Gatsey Filmore	Wadeville
Capel, Elizabeth, Miss	Candor
Carpenter, Vanice E., Mrs.	Wadeville
Dobbin, Bernice G., Miss	Troy
McKoy, Annie, Mrs.	Mt. Gilead
McRae, Rosetta Elizabeth, Miss	Troy
McRae, Esther Grace, Miss, Box 273	Troy
Moffitt, James W., 907 Lincoln St.	Greensboro
Rush, Mamie W., Miss	Troy
Sinclair, Nancy, Mrs.	Greensboro
Smitherman, Lula M., Miss	Troy
Thomas, Grace J., Miss	Troy
Thomas, Lillian S., Miss	Biscoe

**YANCEYVILLE**

Allen, Annie B., Mrs., 558 Arnette Road	Danville, Va.
Banks, Naomi H., Miss, 911 E. 12th St.	Winston-Salem
Brown, Agnes Claudia, Miss, 414 Regan St.	Greensboro
Claiborn, Carrie D., Mrs., South Main Ext.	Danville, Va.
Clark, Daisy L., Mrs., 560 Third St.	Danville, Va.
Clarke, Lottie D., Mrs., Route 2, Box 4104	Danville, Va.
Currie, Lois L., Miss	Leasburg
Geary, Nellie H., Mrs., 307 Holbrook St.	Danville, Va.
Green, Johnsen L., 738 N. Union St.	Danville, Va.
Hagans, Julia B., Mrs. 543 Monroe St.	Danville, Va.
Harraway, J. F., Rev., 322 Ross St.	Danville, Va.
Harvey, Charles C., Rev.	Danville, Va.
Harvey, C. C., Mrs.	Danville, Va.
Hill, Queen H., Mrs.	Yanceyville
Hole, Willie Lee, Miss, 718 S. Ashe St.	Greensboro
Hughes, Mable C., Mrs., 351 Holbrook St.	Danville, Va.
Kemp, Annie L., Mrs., 237 Ross St.	Danville, Va.
Luck, Jermima, Mrs., 310 S. Main St.	Danville, Va.
Motley, Gladys, Miss, 531 Monroe St.	Danville, Va.
Poole, Alice W., Mrs.	Ruffin
Richardson, Lelia Jones, Mrs., 221 Ross St.	Danville, Va.

Smith, Louise E. Morris, Mrs., 1205 Sloan St. ....	Greensboro
Watts, Zelma B., Mrs., 1217 Cleveland St. ....	Danville, Va.
Wilmer, Louise, Miss, 324 Bradley Road ....	Danville, Va.
Williams, Matilda W., Mrs. ....	Milton
Williamson, Sadie, Miss ....	Ruffin
Williamson, Willie L., Miss, 846 Valley St. ....	Danville, Va.
Wise, Essie M. B., Mrs., 700 Benbow Road ....	Greensboro

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**LIST OF CWA TEACHERS, JANUARY 8 TO 19, 1934**

Allwood, Juanita, Mrs., 225 Regan St. ....	Greensboro
Boss, Alfleta F., Miss, 114 Underhill St. ....	High Point
Broadhurst, K. E., Route 2, Box 42 ....	Seven Springs
Brown, John Tilman, Route 5 ....	Greensboro
Brown, Wessye, Mrs., 709 Fairview St. ....	High Point
Browning, James C., 613 S. Ashe St. ....	Greensboro
Corpening, B. G. ....	Marion
Davis, Viola, Mrs., 244 S. Georgia Ave. ....	Concord
Faison, Felton G., 106 McKoy St. ....	Clinton
Foust, Jerry M. ....	High Point
Foust, Lillie A., Mrs., Route 1, Box 33 ....	Whitsett
Frazier, Luella E., Mrs., Route 3, Box 164 ....	Greensboro
Fulton, Alma, Mrs., 922 Pickard St. ....	Greensboro
Graves, Annie B., Miss, 812 Hoover St. ....	High Point
Harris, Ruth, Mrs., 147 N. Dudley St. ....	Greensboro
Hooker, William, 1003 Lindsay St. ....	Greensboro
Jordan, Pearl, Mrs., 613 S. Ashe St. ....	Greensboro
Marsh, Hattie, Mrs., 809 Gorrell St. ....	Greensboro
Martin, Kermit ....	Marion
Mitchell, Mattie, Mrs., 1000 Lindsay St. ....	Greensboro
Morgan, Lola, Mrs., 214 East St. ....	Greensboro
Moseley, Edward, 136 Fourth St. ....	Lumberton
McMurray, Verda Mae, Miss, Route 3, Box 515 ....	Greensboro
Norton, Janie, Miss ....	Davidson
Peace, A. E., Mrs., 526 Macon St. ....	Greensboro
Penn, Orville ....	Greensboro
Reinhardt, James ....	Lincolnton
Smith, Ola, Mrs., 421 Beech St. ....	Greensboro
Thalley, J. F. M. ....	Marion
Watlington, Pearl, Miss, Route 3, Box 151 ....	Greensboro
Wells, Ada G., Mrs., 410 High St. ....	Greensboro

**DISTRIBUTION BY CLASSES**

College:

Senior Class .....	42
Junior Class .....	49
Sophomore Class .....	48
Freshman Class .....	144
Special Students .....	15
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Total .....	298
Smith-Hughes Trade School .....	24
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Total Enrollment of Regular Students .....	322
Regular Session, 1933-34 .....	322
Extension Classes, 1933-34 .....	335
Summer Quarter, 1933 .....	344
Short Course (CWA Students) .....	31
Grand Total .....	1032

**ENROLLMENT BY STATES AND FOREIGN COUNTRIES**

Alabama .....	6	New Jersey .....	3
Colorado .....	1	New York .....	8
Connecticut .....	1	North Carolina .....	236
District of Columbia .....	1	Ohio .....	2
Florida .....	2	Oklahoma .....	1
Georgia .....	5	Pennsylvania .....	4
Indiana .....	2	South Carolina .....	10
Kentucky .....	1	Tennessee .....	3
Massachusetts .....	1	Virginia .....	27
Minnesota .....	1	West Virginia .....	1
Missouri .....	1	Africa .....	1

**DISTRIBUTION BY COUNTIES**

Alamance .....	5	Chowan .....	1
Anson .....	3	Columbus .....	6
Beaufort .....	6	Cumberland .....	3
Bertie .....	2	Craven .....	2
Bladen .....	5	Davidson .....	4
Brunswick .....	1	Durham .....	6
Buncombe .....	2	Duplin .....	2
Burke .....	2	Edgecomb .....	3
Caldwell .....	1	Forsyth .....	5
Carteret .....	1	Gaston .....	4
Catawba .....	5	Gates .....	1
Chatham .....	3	Granville .....	2

Greene .....	2	Perquimans .....	2
Guilford .....	77	Pitt .....	1
Halifax .....	4	Randolph .....	3
Harnett .....	1	Richmond .....	2
Henderson .....	2	Robeson .....	3
Hertford .....	2	Rockingham .....	5
Jackson .....	1	Rowan .....	3
Jones .....	2	Sampson .....	4
Lenoir .....	1	Scotland .....	2
Mecklenburg .....	10	Stanly .....	1
Montgomery .....	2	Surry .....	2
Moore .....	2	Union .....	1
Nash .....	1	Vance .....	4
New Hanover .....	6	Wake .....	5
Northampton .....	2	Warren .....	1
Pender .....	1	Wayne .....	1
Person .....	2	Wilson .....	1











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